

Gold line & Silver line

High-performance alloys
for gold and silver





The Group

For over 40 years, we have been transforming **metals into alloys, powders and plating solutions of excellence** for the manufacture of **jewellery and fashion accessories**, guaranteeing our customers reliability, safety and high performance.



ISO
9001



ISO
14001



ISO
45001



ISO
14021



ISO
14064-1



Responsible sourcing

All the **precious metals** used in Legor Group S.p.A. (Gold, Platinum, Palladium, Rhodium and Silver) are **100% recycled** and come entirely from a controlled supply chain certified in its Chain of Custody by the Responsible Jewellery Council.

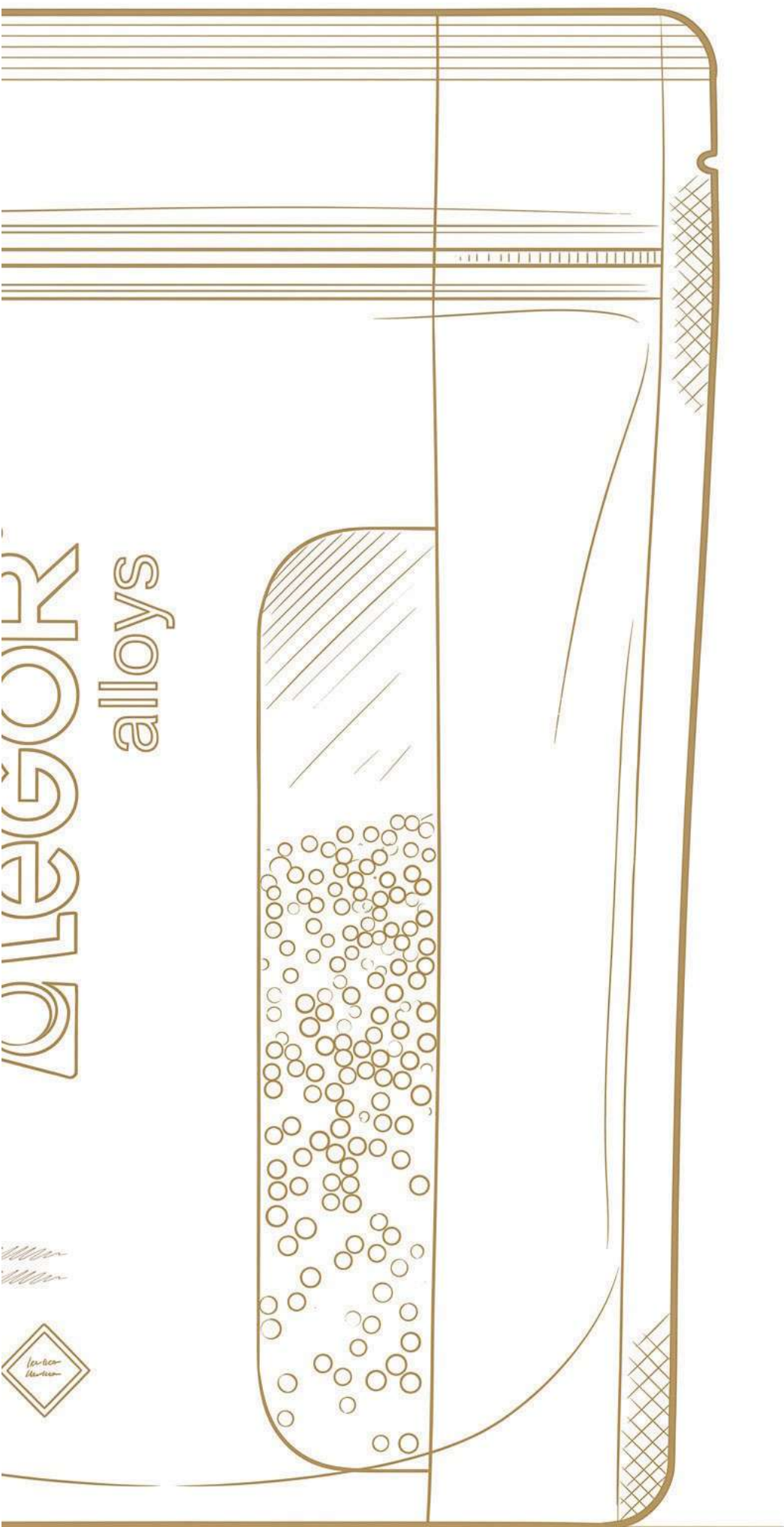
In addition, Legor is now able to guarantee that certain **non-precious metals** (Silicon, Tin, Indium, Cobalt, Gallium, Germanium and Copper) come **100% from recycled sources** for products pertaining to the UNI EN ISO 14021:2021 certification obtained in October 2022.



*Only selected non-precious metals contained in UNI EN ISO 14021:2021 certified products



ALLEGOR alloys





Gold
line

Gold line

The allure of gold, historically the most coveted precious metal

Legor offers a **wide range of master alloys for yellow, white and red gold, suitable for every application** and developed by combining carefully selected metals with our decades of experience in the metallurgical industry.

This synergy results in **pure master alloys of consistent quality**, providing jewellery manufacturers with premium-grade raw materials for bringing their creations to life.



Color shade from 1N to 6N



Easy to use right from the first casting



Suitable for any application



Large selection of gold master alloys
ideal for different carats



Manufactured to the highest quality
standards



White Gold Alloys



White Gold Alloys 9-14kt



Code	Main formulation						Suitable for karats	Applications	Colour shade	Hardness AC/AH
	Ni%	Zn%	Pd%	Ag%	Deox	G.R.				
OB307W1	20	20	0	2.2	High	Minimum	375, 585	Casting in closed systems, Casting in open systems, Stone-in-place casting, Casting without stones	375: Premium white 585: Standard white	375: 125/160 585: 145/180
WE134C	20	18	0	0	Medium	High	375, 585	Casting in open systems, Stone-in-place casting, Casting without stones, Casting in closed systems	Premium white	375: 150/150 585: 160/160
WD18C	19	15	0	0	High	Low	585	Casting in open systems, Stone-in-place casting, Casting in closed systems, Casting without stones	Standard white	150/150
WB140C	18	18	0	15	Medium	Minimum	375, 585	Casting in open systems, Stone-in-place casting, Casting in closed systems, Casting without stones	375: Premium white 585: Standard white	375: 155/205 585: 165/245
WB142C	17	17	0	12	Low	Minimum	375, 585	Casting in closed systems, Casting without stones, Casting in open systems, Stone-in-place casting	Standard white	375: 125/125 585: 185/185
WB1483C	15	23	0	0	High	Minimum	375, 585	Casting in open systems, Stone-in-place casting, Casting without stones, Casting in closed systems	Standard white	375: 195/265 585: 135/240
WB207C	15	13	0	0	Low	Low	585	Casting in closed systems, Casting without stones, Casting in open systems, Stone-in-place casting	Standard white	140/140
WB143C	14	16	0	28	Low	Minimum	375, 585	Stone-in-place casting, Casting without stones, Casting in closed systems	375: Standard white 585: Off-white	375: 180/235 585: 215/315
WB149C	13	19	0	0	High	Minimum	375, 585	Casting in closed systems, Casting without stones, Casting in open systems, Stone-in-place casting	Standard white	375: 110/110 585: 135/135

White Gold Alloys 9-14kt



Mechanical Working

Code	Main formulation						Suitable for karats	Applications	Colour shade	Hardness AC/AH
	Ni%	Zn%	Pd%	Ag%	Deox	G.R.				
OB585QP	26	12	0	0	Minimum	Medium	375, 585	Ingot casting, Sheet production, Continuous casting, Wire production, Blanking production, Casting in closed systems, Casting without stones, Handmade production, Stamping production	375: Premium white 585: Standard white	375: 180/180 585: 170/195
OB304R	21	12	0	0	Minimum	Low	375, 585	Casting in closed systems, Ingot casting, Sheet production, Continuous casting, Hollow chain production, Casting without stones, TIG tube production, Stamping production, Massive chain production, Cladding production, Wire production	375: Premium white 585: Standard white	375: 150/150 585: 145/175
WE480C1L	17	17	0	0	Minimum	High	375, 585	Continuous casting, Sheet production, Casting without stones, CNC and lathe production, Casting in closed systems, Ingot casting, Stamping production	Standard white	375: 115/115 585: 140/140
WB1482W	16	16	0	0	Low	Low	375, 585	Sheet production, TIG tube production, Continuous casting, Hollow chain production, Cladding production, Casting without stones, Massive chain production, Casting in closed systems, Ingot casting, Wire production, Stamping production	Standard white	375: 115/145 585: 155/155
WB140W	14	15	0	0	Minimum	Low	375, 585	Continuous casting, Wire production, Stamping production, Casting in closed systems, Ingot casting, Sheet production, Production of tube from continuous casting, Casting without stones, CNC and lathe production, Cladding production, TIG tube production	375: Standard white 585: Off-white	375: 130/130 585: 145/145



White Gold Alloys 9-14kt



Mechanical Working

Code	Main formulation					G.R.	Suitable for karats	Applications	Colour shade	Hardness AC/AH
	Ni%	Zn%	Pd%	Ag%	Deox					
WA1481T	13	17	0	0	Minimum	Very high	375, 585	Casting without stones, CNC and lathe production, Sheet production, TIG tube production, Continuous casting, Production of tube from continuous casting, Casting in closed systems, Ingot casting, Wire production, Hollow chain production, Cladding production	375: Standard white 585: Off-white	375: 115/115 585: 135/135
WA1481T2	13	17	0	0	Minimum	Low	375, 585	Casting in closed systems, Ingot casting, Sheet production, TIG tube production, Production of tube from continuous casting, Continuous casting, Wire production, Casting without stones, Hollow chain production, Cladding production, Age-hardening, CNC and lathe production	375: Standard white 585: Off-white	375: 115/115 585: 135/135
WA1482B	10	21	0	0	Minimum	Low	375, 585	Casting in closed systems, Ingot casting, Sheet production, Wire production, TIG tube production, Continuous casting, Casting without stones, Hollow chain production, Cladding production	375: Standard white 585: Off-white	375: 120/120 585: 135/135
NI1811-05	8	17	0	0	Minimum	Very high	375, 585	Casting in closed systems, Casting without stones, Continuous casting, Hollow chain production, CNC and lathe production, Production of tube from continuous casting, Ingot casting, Wire production, TIG tube production, Sheet production, Cladding production, Massive chain production, Blanking production, Stamping production	Off-white	375: 105/105 585: 130/130



White Gold Alloys 9-14kt



All-purpose

Code	Main formulation						Suitable for karats	Applications	Colour shade	Hardness AC/AH
	Ni%	Zn%	Pd%	Ag%	Deox	G.R.				
NF505	0	10	13.8	20	Medium	Medium	375, 585	Casting without stones, Wire production, Casting in closed systems, Sheet production, Ingot casting	Off-white	375: 185/270 585: 185/280
NPF301	0	8	0	82	Minimum	Low	375, 585	Hollow chain production, Stamping production, Casting in closed systems, Massive chain production, Sheet production, Continuous casting, Ingot casting, Casting without stones, Age-hardening, Stone-in-place casting, Handmade production, Wire production	375: Premium white 585: Off-white	375: 135/190 585: 100/125
NPF301L	0	8	0	82	Minimum	Minimum	375, 585	Hollow chain production, Stamping production, Massive chain production, Sheet production, Continuous casting, Casting in closed systems, Stone-in-place casting, Handmade production, Wire production, Ingot casting, Casting without stones, Age-hardening	375: Premium white 585: Off-white	375: 135/135 585: 100/100
NPF303	0	7	0	90	Minimum	Low	375, 585	Stone-in-place casting, Handmade production, Wire production, Age-hardening, Ingot casting, Casting without stones, Hollow chain production, Stamping production, Casting in closed systems, Massive chain production, Continuous casting, Sheet production	Premium white	375: 70/70 585: 90/90

White Gold Alloys 18kt



Casting

Code	Main formulation						Applications	Colour shade	Hardness AC/AH
	Ni%	Zn%	Pd%	Ag%	Deox	G.R.			
WL8B	40	20	0	0	Medium	Medium	Wire production, Casting without stones, Sheet production, Casting in closed systems, Ingot casting	Standard white	210/210
WH80B2	28	16	0	0	Low	Medium	Casting without stones, Casting in closed systems, Sheet production	Standard white	200/240
WF481CE	25	17	0	7	Medium	Low	Casting in closed systems, Casting without stones, Casting in open systems, Stone-in-place casting	Standard white	220/230
WF480B	24	16	0	0	Medium	Low	Casting in open systems, Stone-in-place casting, Casting in closed systems, Casting without stones	Standard white	185/275
WD480C	20	20	0	2.2	Medium	Minimum	Casting in closed systems, Casting without stones, Casting in open systems, Stone-in-place casting	Off-white	195/195
WE136C	20	12	0	0	Low	High	Stone-in-place casting, Casting without stones, Casting in open systems, Casting in closed systems	Standard white	180/180
NI1811-03	19	12	0	0	Low	Very high	Stone-in-place casting, Casting without stones, Casting in closed systems, Age-hardening	Standard white	180/285
WD481CW	19	16	0	7	Medium	Low	Casting in open systems, Stone-in-place casting, Casting without stones, Casting in closed systems	Off-white	200/280

White Gold Alloys 18kt



Casting

Code	Main formulation						Applications	Colour shade	Hardness AC/AH
	Ni%	Zn%	Pd%	Ag%	Deox	G.R.			
WB142C	17	17	0	12	Low	Minimum	Casting without stones, Casting in closed systems, Casting in open systems, Stone-in-place casting	Off-white	185/185
WB207C	15	13	0	0	Low	Low	Casting in open systems, Stone-in-place casting, Casting without stones, Casting in closed systems	Off-white	190/190
WB149C	13	19	0	0	High	Minimum	Casting in closed systems, Casting without stones, Casting in open systems, Stone-in-place casting	Off-white	175/175
NF509	0	10	25.8	42	Minimum	Medium	Continuous casting, Stamping production, Casting without stones, Sheet production, Casting in closed systems, Ingot casting	Off-white	160/190
WH85B	0	8	28.8	28	Medium	Medium	Casting in closed systems, Casting without stones, Casting in open systems, Stone-in-place casting	Off-white	170/215



White Gold Alloys 18kt



Mechanical Working

Code	Main formulation						Applications	Colour shade	Hardness AC/AH
	Ni%	Zn%	Pd%	Ag%	Deox	G.R.			
WL80W2	36	9	0	0	Minimum	Low	CNC and lathe production, Blanking production, Continuous casting, Casting in closed systems, Ingot casting, Sheet production, Casting without stones, Handmade production, Stamping production	Premium white	200/200
OB325F	29	15	0	0	Minimum	Low	Ingot casting, Casting without stones, Sheet production, Stamping production, Casting in closed systems, Handmade production, Blanking production	Standard white	220/240
OB585QP	26	12	0	0	Minimum	Medium	Casting in closed systems, Wire production, Blanking production, Ingot casting, Sheet production, Continuous casting, Casting without stones, Handmade production, Stamping production	Standard white	190/220
OB304R	21	12	0	0	Minimum	Low	Blanking production, Wire production, Stamping production, Age-hardening, Casting without stones, Casting in closed systems, Ingot casting, Cladding production, TIG tube production, Continuous casting, Sheet production	Off-white	180/230
WE480CW1	20	12	0	0	Minimum	Medium	Casting without stones, CNC and lathe production, Continuous casting, Sheet production, Casting in closed systems, Ingot casting, Production of tube from continuous casting	Off-white	190/240



White Gold Alloys 18kt



Mechanical Working

Code	Main formulation						Applications	Colour shade	Hardness AC/AH
	Ni%	Zn%	Pd%	Ag%	Deox	G.R.			
WB1482W	16	16	0	0	Low	Low	Casting in closed systems, Ingot casting, Wire production, Stamping production, Continuous casting, Hollow chain production, Cladding production, Casting without stones, Massive chain production, Sheet production, TIG tube production	Off-white	195/280
WB1483W	14	16	0	0	Minimum	Low	Ingot casting, Wire production, Continuous casting, Massive chain production, Stamping production, Handmade production, Sheet production	Off-white	175/285
NI1811-04	13	17	0	0	Minimum	Very high	Wire production, Stamping production, TIG tube production, Ingot casting, Hollow chain production, Cladding production, Production of tube from continuous casting, Casting in closed systems, Casting without stones, CNC and lathe production, Continuous casting, Massive chain production, Sheet production, Blanking production, Age-hardening	Off-white	170/270
WA1481T	13	17	0	0	Minimum	Very high	Continuous casting, Wire production, Production of tube from continuous casting, Casting in closed systems, Ingot casting, Sheet production, TIG tube production, Hollow chain production, Cladding production, Age-hardening, Casting without stones	Off-white	170/275
WA1481T2	13	17	0	0	Minimum	Low	Age-hardening, Casting without stones, Hollow chain production, Cladding production, Sheet production, TIG tube production, Continuous casting, Wire production, Production of tube from continuous casting, Casting in closed systems, Ingot casting	Off-white	170/275

White Gold Alloys 18kt



All-purpose

Code	Main formulation						Applications	Colour shade	Hardness AC/AH
	Ni%	Zn%	Pd%	Ag%	Deox	G.R.			
NI1811-01	18	12	0	0	Minimum	Very high	Casting in closed systems, Sheet production, Ingot casting, CNC and lathe production, Age-hardening, Continuous casting, Casting without stones, Stamping production	Off-white	185/280
NI1811-06	18	12	0	0	Minimum	Very high	Continuous casting, Sheet production, Casting in closed systems, Ingot casting, Stamping production, Casting without stones, CNC and lathe production, Age-hardening	Off-white	185/280
NF505	0	10	13.8	20	Medium	Medium	Casting in open systems, Sheet production, Ingot casting, Wire production, Casting without stones	Off-white	160/185
NF510	0	0	40.8	8	Minimum	High	Casting in closed systems, Ingot casting, Stamping production, Continuous casting, Sheet production, Casting without stones, CNC and lathe production	Standard white	175/190
NF511	0	0	52.8	0	Minimum	High	Casting in closed systems, Ingot casting, Stamping production, Continuous casting, Sheet production, Casting without stones, CNC and lathe production, Age-hardening	Premium white	160/210
NF512	0	2	61.4	0	Minimum	High	Continuous casting, Ingot casting, Casting in closed systems, Casting without stones, CNC and lathe production, Sheet production, Stamping production, Age-hardening	Premium white	150/200
NF514	0	0	52.8	16	Minimum	High	Sheet production, Continuous casting, Casting without stones, Stamping production, Ingot casting, CNC and lathe production, Age-hardening, Casting in closed systems	Standard white	120/120

Red Gold Alloys



Red Gold Alloys 18kt



Casting

Code	Main formulation				Applications	Colour shade	Hardness AC/AH
	Ag%	Zn%	Deox	G.R.			
C185N1	11	2	High	Very high	Casting without stones, Casting in open systems, Stone-in-place casting	Pink	160/160
C185N	4.4	3.5	High	Very high	Casting in closed systems, Casting in open systems, Stone-in-place casting, Casting without stones	Red	170/325

Red Gold Alloys 18kt



Mechanical working

Code	Main formulation				Applications	Colour shade	Hardness AC/AH
	Ag%	Zn%	Deox	G.R.			
OR129W	16	2	Minimum	High	Age-hardening, Continuous casting, Massive chain production, Sheet production, Blanking production, Stamping production, TIG tube production, Casting in closed systems, Ingot casting, Hollow chain production, Cladding production, Production of tube from continuous casting, Casting without stones, CNC and lathe production, Wire production	Pink	180/320
OR124W	8	3	Minimum	Medium	Casting in closed systems, Production of tube from continuous casting, Ingot casting, Massive chain production, Sheet production, TIG tube production, Continuous casting, CNC and lathe production, Wire production, Hollow chain production, Stamping production, Age-hardening, Casting without stones, Handmade production	Red	150/150
OR134UL	2.2	2	Minimum	Medium	Cladding production, TIG tube production, Massive chain production, Sheet production, Blanking production, Ingot casting, Handmade production, Hollow chain production, Casting in closed systems, CNC and lathe production, Wire production, Stamping production, Continuous casting, Casting without stones, Age-hardening	Red	190/330

Red Gold Alloys 18kt



All-purpose

Code	Main formulation				Applications	Colour shade	Hardness AC/AH
	Ag%	Zn%	Deox	G.R.			
AURORA-04	33	1.5	Minimum	Medium	Continuous casting, Wire production, Massive chain production, Casting in closed systems, Ingot casting, Sheet production, Stamping production, Casting without stones	Pinkish yellow	145/260
OR496U	18.5	1.5	Minimum	High	Continuous casting, Casting without stones, CNC and lathe production, Age-hardening, Casting in closed systems, Ingot casting, Stamping production, Sheet production	Pink	170/310
AURORA-02	18	1	Minimum	Medium	Casting in closed systems, Ingot casting, Stamping production, Casting without stones, CNC and lathe production, Age-hardening, Continuous casting, Sheet production	Pink	180/320
OR133	18	2	Low	Very high	Casting without stones, CNC and lathe production, Blanking production, Casting in closed systems, Ingot casting, Stamping production, Sheet production, Age-hardening, Continuous casting	Pink	180/325
AURORA-01	17.5	4.5	Minimum	Medium	Continuous casting, Massive chain production, Stamping production, Casting in closed systems, Casting without stones, Handmade production, Ingot casting, Wire production, Age-hardening, Sheet production	Pink	190/320
OR316U	11	3	Minimum	Medium	Casting without stones, CNC and lathe production, Blanking production, Casting in closed systems, Ingot casting, Stamping production, Sheet production, Continuous casting	Red	160/320
OR134	5	2	Minimum	Very high	CNC and lathe production, Sheet production, TIG tube production, Stamping production, Casting without stones, Massive chain production, Continuous casting, Wire production, Blanking production, Casting in closed systems	Red	185/335
ANTARES-01	4.4	3	Minimum	High	Casting in closed systems, Massive chain production, Stamping production, Casting without stones, Wire production, Blanking production, Continuous casting, CNC and lathe production, Sheet production, TIG tube production	Red	175/330

Red Gold Alloys 9-14kt

Casting

Code	Main formulation				Suitable for karats	Applications	Colour shade	Hardness AC/AH
	Ag%	Zn%	Deox	G.R.				
C145N	16	2	High	Medium	375, 585	Casting without stones, Casting in closed systems, Casting in open systems, Stone-in-place casting	375: Pink 585: Russian red	375: 140/140 585: 160/180
C145E	9	5	High	High	375, 585	Casting in closed systems, Stone-in-place casting, Casting without stones, Casting in open systems	375: Pink 585: Russian red	375: 116/116 585: 140/140
C185N	4.4	3.5	High	Very high	375, 585	Stone-in-place casting, Casting in closed systems, Casting without stones, Casting in open systems	Red	375: 120/120 585: 125/150
ANTARES-02	3.3	0	Very high	Minimum	375, 585	Casting in open systems, Casting without stones, Stone-in-place casting, Casting in closed systems	Red	120/120

Red Gold Alloys 9-14kt

Mechanical working

Code	Main formulation				Suitable for karats	Applications	Colour shade	Hardness AC/AH
	Ag%	Zn%	Deox	G.R.				
OR129W	16	2	Minimum	High	375, 585	Continuous casting, Massive chain production, Sheet production, Blanking production, Stamping production, TIG tube production, Casting in closed systems, Ingot casting, Hollow chain production, Cladding production, Production of tube from continuous casting, Casting without stones, CNC and lathe production, Wire production, Age-hardening	375: Pink 585: Russian red	375: 150/150 585: 160/170
OR124W	8	3	Minimum	Medium	585	Wire production, Stamping production, Casting without stones, Handmade production, Ingot casting, Hollow chain production, Cladding production, TIG tube production, Continuous casting, Massive chain production, Sheet production, Casting in closed systems, Production of tube from continuous casting	Red	140/175

Red Gold Alloys 9-14kt



Mechanical working

Code	Main formulation				Suitable for karats	Applications	Colour shade	Hardness AC/AH
	Ag%	Zn%	Deox	G.R.				
OR134U	0	0	Minimum	High	375, 585	Casting without stones, Casting in closed systems, Massive chain production, Stamping production, Wire production, TIG tube production, Continuous casting, Sheet production, Handmade production, Ingot casting, Hollow chain production, Cladding production	Red	375: 110/110 585: 130/130
OR332	0	0	Minimum	Medium	585	Continuous casting, Massive chain production, Stamping production, Handmade production, Sheet production, Ingot casting, Wire production, Blanking production	Red	125/125

Red Gold Alloys 9-14kt



All-purpose

Code	Main formulation				Suitable for karats	Applications	Colour shade	Hardness AC/AH
	Ag%	Zn%	Deox	G.R.				
YD149U	18	1	Minimum	Medium	585	CNC and lathe production, Ingot casting, Casting in closed systems, Sheet production, Continuous casting, Casting without stones, Stamping production	Pink	165/165
AURORA-01	17.5	4.5	Minimum	Medium	375, 585	Casting without stones, Handmade production, Sheet production, Continuous casting, Massive chain production, Stamping production, Casting in closed systems, Ingot casting, Wire production	375: Pinkish yellow 585: Pink	375: 170/170 585: 160/160
OR134	5	2	Minimum	Very high	375, 585	Continuous casting, Sheet production, Casting without stones, Wire production, TIG tube production, Casting in closed systems, Massive chain production, Stamping production	Red	375: 100/100 585: 130/150
ANTARES-01	4.4	3	Minimum	High	375, 585	Continuous casting, Massive chain production, Stamping production, Wire production, TIG tube production, Casting in closed systems, Casting without stones, Sheet production, Ingot casting, Handmade production	Red	375: 100/100 585:

Aurora and Antares

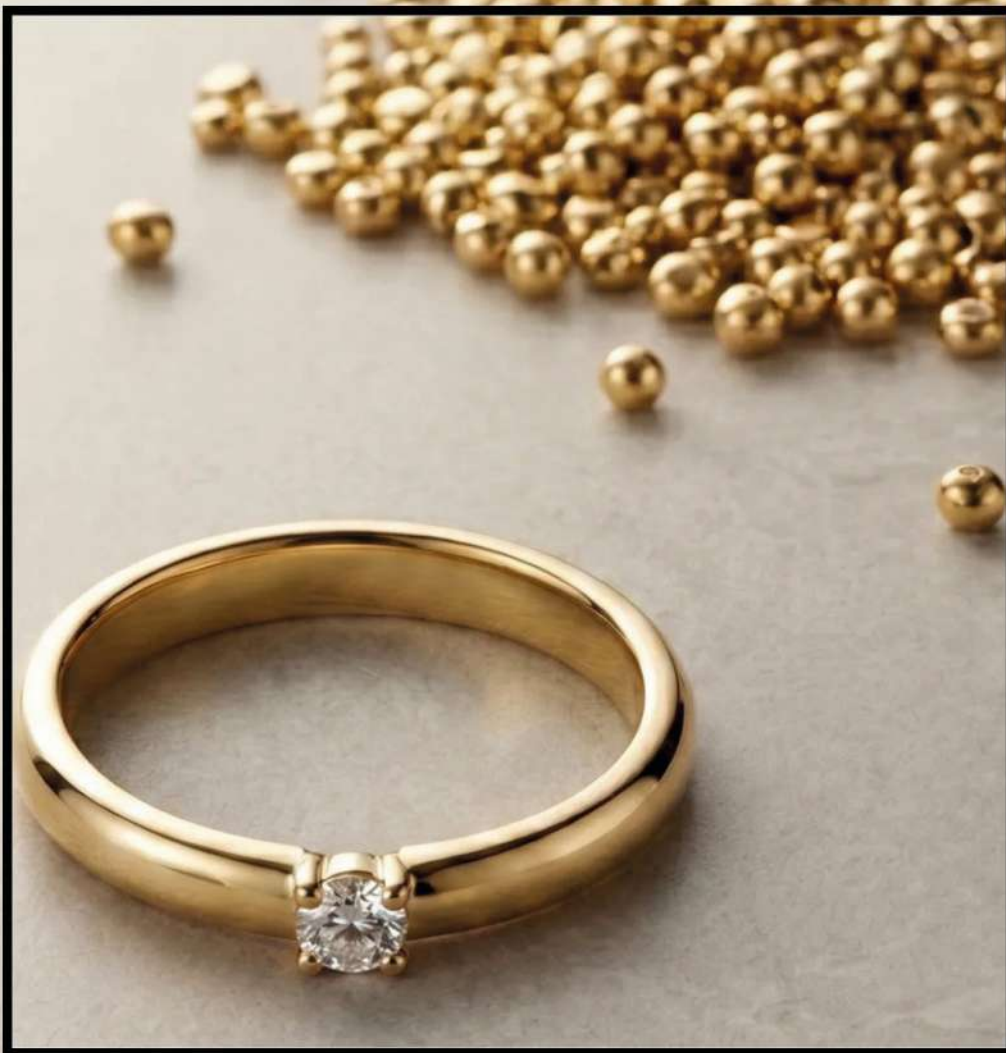
Alloys for pink and red gold



Legor has always been synonymous with metallurgical excellence and innovation in the world of jewelry. The needs of designers, manufacturers, and brands have driven us to develop **two families of pink and red alloys (AURORA and ANTARES)** ranging in color from 4N - 5N to 6N.

These alloys are characterized by an innovative production method that further reduces the oxygen content in the alloy; this results in **reduced brittleness and increased brilliance**.

Yellow Gold Alloys



Yellow Gold Alloys 9-14kt



Code	Main formulation				Suitable for karats	Applications	Colour shade	Hardness AC/AH
	Ag%	Zn%	Deox	G.R.				
Y143C	24	15			375, 585	Casting in open systems, Casting in closed systems, Casting without stones		375: 160/195 585: 145/190
SCA1V	22	10	Medium	Minimum	375, 585	Casting in closed systems, Casting in open systems, Stone-in-place casting, Casting without stones	Pinkish yellow	375: 135/220 585: 160/225
C14GR	21	15	High	Medium	375, 585	Stone-in-place casting, Casting in closed systems, Casting without stones, Casting in open systems, Age-hardening	Light yellow	375: 150/150 585: 135/205
OG602A	20	16	Very high	Low	375, 585	Casting in open systems, Stone-in-place casting, Casting without stones, Casting in closed systems, Age-hardening	Light yellow	375: 125/250 585: 140/210
SCA1N	19	11	Low	Minimum	375, 585	Casting in closed systems, Casting without stones, Stone-in-place casting	Pinkish yellow	375: 125/125 585: 130/130
SCA5	18	17	High	Minimum	375, 585	Casting in open systems, Stone-in-place casting, Casting without stones, Casting in closed systems	375: Greenish yellow 585: Light yellow	375: 110/170 585: 125/170
OG160A	16	15	High	Low	375, 585	Stone-in-place casting, Casting without stones, Casting in open systems, Casting in closed systems	375: Light yellow 585: Rich yellow	375: 115/160 585: 110/150
C142GR	12	17	Medium	Low	375, 585	Stone-in-place casting, Casting in closed systems, Casting without stones	375: Light yellow 585: Rich yellow	375: 100/120 585: 120/120
OG130A	11.5	17	Very high	Low	375, 585	Casting without stones, Casting in open systems, Stone-in-place casting, Casting in closed systems	375: Light yellow 585: Rich yellow	375: 100/100 585: 120/120
OG450C	5	23	High	Low	375, 585	Casting without stones, Casting in closed systems, Stone-in-place casting, Casting in open systems	375: Greenish yellow 585: Light yellow	375: 90/90 585: 110/110

Yellow Gold Alloys 9-14kt

Mechanical Working

Code	Main formulation				Suitable for karats	Applications	Colour shade	Hardness AC/AH
	Ag%	Zn%	Deox	G.R.				
B143HN	29.5	8	Minimum	Very high	585	Ingot casting, Sheet production, TIG tube production, CNC and lathe production, Cladding production, Age-hardening, Continuous casting, Hollow chain production, Production of tube from continuous casting	Light yellow	165/230
Y143W	24	15	Minimum	High	375, 585	Continuous casting, Wire production, Production of tube from continuous casting, Casting in closed systems, Ingot casting, Sheet production, TIG tube production, Age-hardening, Casting without stones, Hollow chain production, Cladding production, CNC and lathe production	Light yellow	375: 160/195 585: 145/190
Y143TL	20.5	14	Minimum	Medium	375, 585	Casting in closed systems, Ingot casting, Wire production, Production of tube from continuous casting, Sheet production, TIG tube production, Continuous casting, Casting without stones, Massive chain production, Stamping production	375: Light yellow 585: Rich yellow	375: 150/175 585: 145/180
Y144HN	18	13	Minimum	High	375	CNC and lathe production, Wire production, Stamping production, TIG tube production, Continuous casting, Massive chain production, Ingot casting, Hollow chain production, Cladding production, Production of tube from continuous casting, Sheet production, Blanking production	Rich yellow	130/190
Y144W	16	16	Minimum	High	375, 585	Hollow chain production, Cladding production, Continuous casting, Production of tube from continuous casting, Casting in closed systems, Ingot casting, Wire production, Casting without stones, CNC and lathe production, Sheet production, TIG tube production	Rich yellow	375: 100/145 585: 120/150
Y144W2	15	19	Minimum	Low	375, 585	Casting in closed systems, Ingot casting, Wire production, Production of tube from continuous casting, Cladding production, Continuous casting, Hollow chain production, Casting without stones, CNC and lathe production, Sheet production, TIG tube production	Rich yellow	375: 100/145 585: 120/120
Y145T	13.5	13	Minimum	High	375, 585	TIG tube production, Continuous casting, Massive chain production, Sheet production, Blanking production, Casting without stones, Cladding production, CNC and lathe production, Wire production, Stamping production, Production of tube from continuous casting, Casting in closed systems, Ingot casting, Hollow chain production	375: Rich yellow 585: Pinkish yellow	375: 115/150 585: 135/135

Yellow Gold Alloys 9-14kt

Mechanical Working

Code	Main formulation				Suitable for karats	Applications	Colour shade	Hardness AC/AH
	Ag%	Zn%	Deox	G.R.				
OG125F	13	13	Minimum	Low	375, 585	Massive chain production, Cladding production, Production of tube from continuous casting, Casting without stones, CNC and lathe production, Sheet production, Blanking production, Continuous casting, Casting in closed systems, Ingot casting, Wire production, Stamping production	375: Rich yellow 585: Pinkish yellow	375: 115/150 585: 135/135
YA354W	5.5	14.5	Minimum	Medium	375, 585	Wire production, Sheet production, Massive chain production, Ingot casting	Light yellow	375: 110/110 585: 120/120
OG450L	5	23	Low	Low	375, 585	Massive chain production, Stamping production, Continuous casting, Handmade production, Sheet production, Ingot casting, Wire production	Greenish yellow	375: 90/90 585: 115/115

Yellow Gold Alloys 9-14kt

All-purpose

Code	Main formulation				Suitable for karats	Applications	Colour shade	Hardness AC/AH
	Ag%	Zn%	Deox	G.R.				
B143T	24	15	Minimum	Medium	375, 585	Ingot casting, Sheet production, Casting without stones, Hollow chain production, Cladding production, Age-hardening, TIG tube production, Casting in closed systems, Wire production, Production of tube from continuous casting, Continuous casting, CNC and lathe production	Light yellow	375: 160/195 585: 145/190
B145	11	20	Minimum	Medium	375, 585	Ingot casting, Wire production, Handmade production, Massive chain production, Stamping production, Sheet production, Continuous casting	375: Greenish yellow 585: Light yellow	105/130

Yellow Gold Alloys 18kt

Casting

Code	Main formulation				Applications	Colour shade	Hardness AC/AH
	Ag%	Zn%	Deox	G.R.			
YG278C	58	3	Medium	Minimum	Casting without stones, Casting in closed systems, Casting in open systems, Stone-in-place casting	Light yellow	130/195
C182N	57.5	3.5	Medium	Medium	Stone-in-place casting, Casting without stones, Casting in closed systems, Casting in open systems, Age-hardening	Light yellow	130/195
C182N1	48	8	High	Medium	Casting in closed systems, Age-hardening, Casting in open systems, Stone-in-place casting, Casting without stones	Light yellow	150/245
C183N	47	3	High	Medium	Stone-in-place casting, Casting in open systems, Casting in closed systems, Age-hardening, Casting without stones	Rich yellow	135/245
C183NL	47	3	Low	Minimum	Casting without stones, Casting in closed systems, Stone-in-place casting, Age-hardening	Rich yellow	140/240
C183N3	40	5.5	Low	Minimum	Stone-in-place casting, Age-hardening, Casting in closed systems, Casting without stones	Rich yellow	145/250

Yellow Gold Alloys 18kt

Mechanical Working

Code	Main formulation				Applications	Colour shade	Hardness AC/AH
	Ag%	Zn%	Deox	G.R.			
Y287U	57.5	3.5	Minimum	Medium	Continuous casting, Hollow chain production, Stamping production, Casting in closed systems, Ingot casting, Sheet production, TIG tube production, Casting without stones, Massive chain production, Cladding production	Light yellow	135/170
B182N	57	4	Minimum	High	Casting without stones, Sheet production, Blanking production, Ingot casting, Hollow chain production, Cladding production, Production of tube from continuous casting, Casting in closed systems, Continuous casting, Massive chain production, CNC and lathe production, Wire production, Stamping production, TIG tube production	Light yellow	140/215

Yellow Gold Alloys 18kt

Mechanical Working

Code	Main formulation				Applications	Colour shade	Hardness AC/AH
	Ag%	Zn%	Deox	G.R.			
B182N1L	48	8	Minimum	High	Wire production, Blanking production, Age-hardening, Continuous casting, Ingot casting, Hollow chain production, Cladding production, TIG tube production, Production of tube from continuous casting, CNC and lathe production, Sheet production	Light yellow	145/220
Y83CT	47.5	2	Minimum	High	Continuous casting, Hollow chain production, Cladding production, Age-hardening, Sheet production, TIG tube production, CNC and lathe production, Ingot casting, Wire production, Production of tube from continuous casting	Rich yellow	140/240
B183N	46.5	2.5	Minimum	High	TIG tube production, Casting in closed systems, Ingot casting, Hollow chain production, Massive chain production, Sheet production, Blanking production, Age-hardening, Continuous casting, Casting without stones, CNC and lathe production, Wire production, Stamping production, Cladding production, Production of tube from continuous casting	Rich yellow	130/250
B183NL	46.5	2.5	Minimum	Low	Ingot casting, Wire production, Blanking production, Age-hardening, CNC and lathe production, Sheet production, Production of tube from continuous casting, Continuous casting, Hollow chain production, Cladding production, Casting in closed systems, TIG tube production, Casting without stones	Rich yellow	130/250
OG604Z	45	9	Minimum	Medium	Cladding production, Age-hardening, Casting without stones, Handmade production, Hollow chain production, Continuous casting, Sheet production, TIG tube production, CNC and lathe production, Wire production, Stamping production, Casting in closed systems, Ingot casting, Massive chain production	Light yellow	145/215
Y142W	35	10	Minimum	High	Sheet production, Blanking production, Continuous casting, Massive chain production, Casting in closed systems, Production of tube from continuous casting, Ingot casting, Hollow chain production, Cladding production, Casting without stones, CNC and lathe production, Wire production, Stamping production, TIG tube production	Rich yellow	175/255

Yellow Gold Alloys 18kt

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All-purpose

Code	Main formulation				Applications	Colour shade	Hardness AC/AH
	Ag%	Zn%	Deox	G.R.			
A18VN	68.5	0	Minimum	Medium	Stamping production, Ingot casting, Continuous casting, Casting without stones, Wire production, Casting in closed systems, Massive chain production, Handmade production, Sheet production	Greenish yellow	100/100
A182N	63	0	Minimum	High	Casting in closed systems, Massive chain production, Stamping production, Wire production, Continuous casting, Casting without stones, Ingot casting, Handmade production, Sheet production	Light yellow	120/175
A183N	49	0	Minimum	High	Stamping production, Casting in closed systems, Massive chain production, Continuous casting, Casting without stones, Wire production, Age-hardening, Sheet production, Ingot casting, Handmade production	Rich yellow	140/245
YN82U	48	2	Minimum	Medium	Ingot casting, Hollow chain production, Continuous casting, Massive chain production, Sheet production, Blanking production, Age-hardening, Cladding production, Production of tube from continuous casting, CNC and lathe production, Wire production, Stamping production, TIG tube production	Rich yellow	130/250



Yellow Gold Alloys 22kt



Casting

Code	Main formulation				Applications	Colour shade	Hardness AC/AH
	Ag%	Zn%	Deox	G.R.			
SCA4	38.5	3	Medium	Minimum	Casting without stones, Casting in closed systems, Casting in open systems, Stone-in-place casting	Pinkish yellow	80/80
SCA1N	19	11	Low	Minimum	Casting in closed systems, Casting without stones, Stone-in-place casting	Pinkish yellow	70/70
YB22C	11	12	High	Low	Stone-in-place casting, Casting without stones, Casting in open systems, Casting in closed systems	Rich yellow	80/80
A202	10.5	12.5	High	Minimum	Casting in open systems, Casting without stones, Stone-in-place casting, Casting in closed systems	Rich yellow	80/80
YA22C	5.5	9	High	Medium	Casting in open systems, Casting in closed systems, Stone-in-place casting, Casting without stones	Pinkish yellow	80/80

Yellow Gold Alloys 22kt



Mechanical Working

Code	Main formulation				Applications	Colour shade	Hardness AC/AH
	Ag%	Zn%	Deox	G.R.			
SM1	39	3	Minimum	High	Continuous casting, Massive chain production, Sheet production, Blanking production, Hollow chain production, Cladding production, Production of tube from continuous casting, Stamping production, TIG tube production, Ingot casting, CNC and lathe production, Wire production	Rich yellow	875: 85/85 917: 70/70
SM2	31	6	Minimum	High	Continuous casting, Massive chain production, Sheet production, Blanking production, Wire production, Stamping production, TIG tube production, Ingot casting, Hollow chain production, Cladding production, Production of tube from continuous casting, CNC and lathe production	Rich yellow	80/80

Yellow Gold Alloys 22kt

Mechanical Working

Code	Main formulation				Applications	Colour shade	Hardness AC/AH
	Ag%	Zn%	Deox	G.R.			
H22X	29	0	Minimum	Very high	Massive chain production, Age-hardening, Ingot casting, Wire production, Stamping production, Sheet production, TIG tube production, Hollow chain production, Cladding production	Rich yellow	105/200
YA22WT	6	11	Minimum	Medium	Massive chain production, Sheet production, TIG tube production, Continuous casting, Hollow chain production, Ingot casting, Wire production, Stamping production, Cladding production	Pinkish yellow	875: 100/100 917: 90/90

Yellow Gold Alloys 22kt

All-purpose

Code	Main formulation				Applications	Colour shade	Hardness AC/AH
	Ag%	Zn%	Deox	G.R.			
YD148L	18	5	Minimum	Low	Continuous casting, Massive chain production, Stamping production, Casting without stones, Handmade production, Sheet production, Casting in closed systems, Ingot casting, Wire production	Pink	110/110
YD149U	18	1	Minimum	Medium	Ingot casting, Massive chain production, Stamping production, Continuous casting, Casting without stones, Sheet production, Casting in closed systems, Wire production	Pinkish yellow	115/115
YA223W	7	10	Minimum	Very high	Wire production, TIG tube production, Ingot casting, Massive chain production, Sheet production, Casting in closed systems, Hollow chain production, Stamping production, Continuous casting, Casting without stones	Pinkish yellow	115/115
H22C1	6.5	6	Low	Very high	Ingot casting, Casting without stones, Wire production, Stone-in-place casting, Handmade production, Sheet production, Massive chain production, Stamping production, Age-hardening, Continuous casting, Casting in closed systems, TIG tube production	875: Light yellow 917:	875: 130/230 917: 105/155
YA22UL	5.5	10	875: Minimum 917: Low	Medium	Casting without stones, Handmade production, Sheet production, Casting in closed systems, Ingot casting, Wire production, Continuous casting, Massive chain production, Stamping production	Pinkish yellow	875: 110/110 917: 85/85





Silver
line

Silver line

Crafted to shine, designed to last

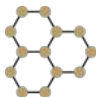
The Silver Line includes master alloys and advanced solutions for silver, developed to meet the needs of contemporary jewellery manufacturing.

From formulations for Sterling Silver to innovative materials such as **SILNOVA — the palladium-containing silver alloy** — every solution stems from Legor's metallurgical research and careful selection of raw materials.

The compositions are designed to improve metal workability, reduce brittleness and enhance tarnish resistance, ensuring more reliable production processes and long-lasting aesthetic results.



100% recycled Silver content



Controlled low-oxygen formulations



Greater workability and reduced brittleness



High tarnish resistance for long-lasting brilliance



Ready to use Alloys and Master Alloys



Ready to use Alloys



Casting

Code	Main formulation				Applications	Hardness AC/AH
	Ag%	Zn%	Deox	G.R.		
AG109MA	93.5	2	High	Low	Stone-in-place casting, Casting without stones, Casting in open systems, Casting in closed systems	55/125
S925PHA	93.5	2	Low	Low	Casting without stones, Sheet production, Ingot casting, Casting in closed systems, Stone-in-place casting, Wire production	60/130
SF928CHA	93.5	1	Medium	Low	Casting in closed systems, Stone-in-place casting, Casting in open systems, Casting without stones	50/110
AG108MA	93	2	Very high	High	Stone-in-place casting, Casting without stones, Casting in open systems, Casting in closed systems	60/115
AG115MA	93	3	Medium	High	Casting in closed systems, Stone-in-place casting, Casting without stones	55/120
POLARIS-02RTU	93	3	Medium	Medium	Casting in closed systems, Casting without stones, Stone-in-place casting, Casting in open systems	55/110

Ready to use Alloys



All-purpose

Code	Main formulation				Applications	Hardness AC/AH
	Ag%	Zn%	Deox	G.R.		
S925PTA	94	0.5	Minimum	Very high	Casting without stones, Massive chain production, Sheet production, TIG tube production, Hollow chain production, Stamping production, Continuous casting, Casting in closed systems, Ingot casting, Wire production	60/145
SILNOVA-01 *	94	4.8	Low	High	Casting without stones, Ingot casting, Casting in closed systems, Continuous casting, Wire production, Sheet production, Casting in open systems, Stone-in-place casting, CNC and lathe production, Age-hardening	50/120
AG925ST	93	0	Minimum	None	Massive chain production, Casting without stones, Sheet production, Continuous casting, Stamping production, Ingot casting, Wire production, Casting in closed systems	60/130
POLARIS-01RTU	93	3	Medium	High	Casting in closed systems, Handmade production, Stone-in-place casting, Wire production, Casting without stones, Sheet production	55/125

* Patented alloy

Master Alloys



Code	Main formulation			Applications	Hardness AC/AH
	Zn%	Deox	G.R.		
S925CZ	55	High	Minimum	Casting without stones, Stone-in-place casting, Casting in open systems, Casting in closed systems	55/115
POLARIS-02M	40	Medium	Medium	Casting without stones, Casting in closed systems, Casting in open systems, Stone-in-place casting	55/110
AG115M	36	Medium	High	Stone-in-place casting, Casting without stones, Casting in closed systems	55/120
AG108M	30	Very high	High	Stone-in-place casting, Casting without stones, Casting in open systems, Casting in closed systems	60/115
POLARIS-01M	30	Medium	High	Stone-in-place casting, Wire production, Casting without stones, Casting in closed systems, Sheet production	55/125
S925PHT	30	Low	Low	Stone-in-place casting, Wire production, Casting without stones, Sheet production, Ingot casting, Casting in closed systems	60/130
AG109M	29	High	Low	Casting in closed systems, Stone-in-place casting, Casting without stones, Casting in open systems	55/125
SF928CH	26	Medium	Low	Casting without stones, Casting in closed systems, Casting in open systems, Stone-in-place casting	50/110



Master Alloys

Mechanical Working

Code	Main formulation			Applications	Hardness AC/AH
	Zn%	Deox	G.R.		
S925RT	7	Minimum	High	Sheet production, Ingot casting, Massive chain production, Casting in closed systems, Hollow chain production, Stamping production, Casting without stones, Wire production, TIG tube production, Continuous casting	65/150
S925LE	2	Minimum	Minimum	Sheet production, Massive chain production, Casting in closed systems, Ingot casting, Continuous casting, Casting without stones, Wire production	70/105
S925WH	2	Minimum	Medium	Continuous casting, Wire production, Ingot casting, Sheet production, Massive chain production	70/150

Master Alloys

All-purpose

Code	Main formulation			Applications	Hardness AC/AH
	Zn%	Deox	G.R.		
S925PT	7	Minimum	Very high	Ingot casting, Wire production, TIG tube production, Sheet production, Casting in closed systems, Casting without stones, Massive chain production, Continuous casting, Hollow chain production, Stamping production	60/145





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