

PRECIOUS METALS ALLOYS

ARGOR-HERAEUS

Code	Alloy	Colour	Density g/cm ³	Melting Range °C	Annealed quenched		Aged		Cold worked 75%
					°C / min	HV1	°C / min	HV1	HV1
AG									
3102	Ag950 Cu	white	10.4	860-910	650 / 30	50	---		
3201	Ag925 Cu	white	10.4	820-890	650 / 30	70	290 / 60	100	135
3301	Ag800 Cu	white	10.1	780-820	680 / 30	100	400 / 60	130	155
AU									
2402	Au916 jaune	yellow	17.9	995-1020	600 / 30	50	---		155
2403	Au916 jaune foncé	dark yellow	17.7	965-980	600 / 30	70	---		165
2401	Au916 rouge	red	17.5	1015-1040	600 / 30	90	---		155
2501	Au750 2N	pale yellow 2N	15.5	890-920	650 / 30	135	260 / 60	170	220
2531	Au750 2N Cast	pale yellow 2N	15.5	890-920	650 / 30	135	260 / 60	170	
2571	Au750 Ag220 Cu	green-yellow	15.8	890-920	650 / 30	70	---		170
2502	Au750 3N	yellow 3N	15.4	880-895	650 / 30	145	280 / 60	230	225
2522	Au750 3N Cast	yellow 3N	15.4	880-895	650 / 30	145	280 / 60	230	
2503	Au750 4N	rose 4N	15.2	880-890	650 / 30	155	280 / 60	285	245
2523	Au750 4N Cast	rose 4N	15.2	880-890	650 / 30	155	280 / 60	285	
2504	Au750 5N	red 5N	15.0	890-895	650 / 30	165	280 / 60	325	240
2524	Au750 5N Cast	red 5N	15.0	890-895	650 / 30	160	280 / 60	325	
2554	Au750 Extrarosso	red 6N	14.9	890-900	650 / 30	165	250 / 60	310	280
2574	Au750 Rose CuPd	rose	15.0	890-900	680 / 30	180	280 / 60	320	300
2509	Au750 Pd210 TH	white	16.6	1200-1315	750 / 30	120	500 / 60	230	220
2528	Au750 Pd150 NF	white	15.5	1110-1170	730 / 30	140	---		235
2518	Au750 Pd150 Co TH	white	15.9	1030-1080	800 / 30	150	450 / 60	280	250
2568	Au750 Pd150 AgCu	white	16.2	1050-1080	730 / 30	115	---		200
2537	Au750 Pd130 TH Cast	white	15.8	1035-1115	730 / 30	165	500 / 60	240	
2597	Au750 Pd130 émail	white	16.4	1150-1225	650 / 30	80	---		150
2506	Au750 Pd125	white	15.9	1055-1120	680 / 30	140	---		230
2525	Au750 Pd60 Ag30 CuFe	white	15.2	1055-1120	680 / 30	155	300 / 60	220	235
2601	Au585 1N	pale yellow 1N	13.8	835-850	650 / 30	175	330 / 60	270	250
2602	Au585 Ag235 Cu180	pale yellow "2N"	13.7	880-895	650 / 30	150	280 / 60	230	240
2603	Au585 Ag205 Cu210	yellow "3N"	13.6	880-895	650 / 30	190	280 / 60	270	240
2604	Au585 5N	red "5N"	13.3	885-850	650 / 30	160	250 / 60	260	270
PD									
4202	Pd950 Ga	white	11.8	1270-1460	750 / 30	120	---		200
PT									
1204	Pt950 Ru	white	20.7	1850-1830	1000 / 30	140	---		220
1215	Pt950 TH	white	19.4	1670-1600	850 / 30	165	600 / 120	260	240

Further alloys available on request.