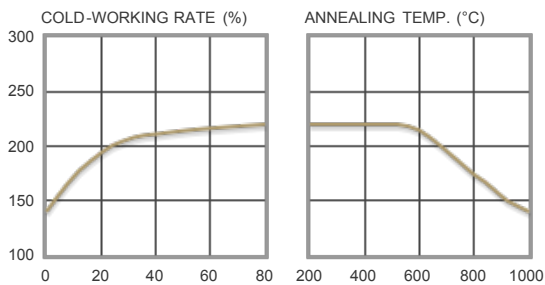


0954 / PLATINUM 950 ‰



UNIVERSAL PLATINUM ALLOY WITH A LEGAL FINENESS OF 950‰, WITH A HIGHER HARDNESS THAN ALLOY NO 0950 OR NO 0951 AND A FINE GRAIN STRUCTURE.

THIS ALLOY IS RECOMMENDED FOR MACHINING, BUT IS NOT RECOMMENDED FOR CASTING.

THIS ALLOY IS NOT HARDENABLE THROUGH HEAT TREATMENT.

Physical properties	Density	Melting range	Colour
	20.7 g/cm ³	1830-1850 °C	White

Mechanical properties	Hardness [HV1]	Rp0.2 [MPa]	Rm [MPa]	A5 [%]
Annealed	140	230	410	35
Cold-worked 75%	220	740	760	5

Heat treatments	Temp. [°C]	Time [min]	Protect. Gas.	Cooling
Annealing	1000		Air	Non-critical

COMPOSITION

Pt 950 ‰
Ru 50 ‰

USES

Stamping
Deep drawing
Coining

SATISFACTORY ●●●

Rolling
Wire drawing
Drawing

SATISFACTORY ●●●

Machining

RECOMMENDED ●●●

Polishing
Diamond machining

SATISFACTORY ●●●

Investment casting

NOT-RECOMMENDED ●●●

