

Johnson Matthey SW 950 Platinum w/ 5% Iridium Jewelry Alloy

Category : Metal , Nonferrous Metal , Precious Metal , Platinum Alloy

Material Notes:

High work-hardenability. Copper, cobalt, gold, iridium, palladium and ruthenium alloy easily with platinum. The differences between the alloys reflect the hardening of the alloying element itself.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Johnson-Matthey-SW-950-Platinum-w-5-Iridium-Jewelry-Alloy.php

Physical Properties	Metric	English	Comments
Density	21.4 g/cc	0.773 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Vickers	80	80	Annealed
Elongation at Break	30 %	30 %	Annealed

Thermal Properties	Metric	English	Comments
Melting Point	1780 - 1790 Â°C	3240 - 3250 Â°F	
Solidus	1780 Â°C	3240 Â°F	
Liquidus	1790 Â°C	3250 Â°F	

Component Elements Properties	Metric	English	Comments
Iridium, Ir	5.0 %	5.0 %	
Platinum, Pt	95 %	95 %	

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