

Johnson Matthey FP Platinum w/ 3% Copper Jewelry Alloy

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

Material Notes:

Soft for settings. 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-FP-Platinum-w-3-Copper-Jewelry-Alloy.php

Physical Properties	Metric	English	Comments
Density	20.6 g/cc	0.744 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Vickers	120	120	Annealed
Elongation at Break	30 %	30 %	Annealed

Thermal Properties	Metric	English	Comments
Melting Point	1740 - 1755 Â°C	3160 - 3191 Â°F	
Solidus	1740 Â°C	3160 Â°F	
Liquidus	1755 Â°C	3191 Â°F	

Component Elements Properties	Metric	English	Comments
Copper, Cu	3.0 %	3.0 %	
Platinum, Pt	97 %	97 %	

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