

Johnson Matthey GW Platinum w/ 5% Copper Jewelry Alloy

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

Material Notes:

General purpose, medium hard. Can be cast. 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-GW-Platinum-w-5-Copper-Jewelry-Alloy.php

Physical Properties	Metric	English	Comments
Density	20.0 g/cc	0.723 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Vickers	108	108	As Cast
	125	125	Annealed
Elongation at Break	29 %	29 %	Annealed

Thermal Properties	Metric	English	Comments
Melting Point	1725 - 1745 Â°C	3137 - 3173 Â°F	
Solidus	1725 Â°C	3137 Â°F	
Liquidus	1745 Â°C	3173 Â°F	

Component Elements Properties	Metric	English	Comments
Copper, Cu	5.0 %	5.0 %	
Platinum, Pt	95 %	95 %	

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