

Johnson Matthey HS Platinum Jewelry Alloy

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

Material Notes:

Hard springy, can be cast for catches.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Johnson-Matthey-HS-Platinum-Jewelry-Alloy.php

Physical Properties	Metric	English	Comments
Density	19.4 g/cc	0.701 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Vickers	220	220	As Cast
	300	300	Annealed
Elongation at Break	10 %	10 %	Annealed

Thermal Properties	Metric	English	Comments
Melting Point	1370 - 1520 °C	2500 - 2770 °F	
Solidus	1370 °C	2500 °F	
Liquidus	1520 °C	2770 °F	

Component Elements Properties	Metric	English	Comments
Other, total	5.0 %	5.0 %	Proprietary
Platinum, Pt	95 %	95 %	

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