

Johnson Matthey SC 850 Platinum w/ 15% Palladium Jewelry Alloy

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

Material Notes:

Chain making. Palladium has been used to create casting alloys at various levels of fineness. Palladium produces a softer casting.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Johnson-Matthey-SC-850-Platinum-w-15-Palladium-Jewelry-Alloy.php

Physical Properties	Metric	English	Comments
Density	19.1 g/cc	0.690 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Vickers	64	64	As Cast
	90	90	Annealed
Elongation at Break	22 %	22 %	Annealed
	22 %	22 %	As Cast

Thermal Properties	Metric	English	Comments
Melting Point	1730 - 1750 Â°C	3150 - 3180 Â°F	
Solidus	1730 Â°C	3150 Â°F	
Liquidus	1750 Â°C	3180 Â°F	

Component Elements Properties	Metric	English	Comments
Palladium, Pd	15 %	15 %	
Platinum, Pt	85 %	85 %	

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