

## Johnson Matthey SC 900 Platinum w/ 10% Palladium Jewelry Alloy

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

### Material Notes:

General purpose. 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-900-Platinum-w-10-Palladium-Jewelry-Alloy.php](http://www.lookpolymers.com/polymer_Johnson-Matthey-SC-900-Platinum-w-10-Palladium-Jewelry-Alloy.php)

Physical Properties	Metric	English	Comments
Density	19.8 g/cc	0.715 lb/in <sup>3</sup>	

Mechanical Properties	Metric	English	Comments
Hardness, Vickers	72	72	As Cast
	80	80	Annealed
Elongation at Break	22 %	22 %	Annealed
	22 %	22 %	As Cast

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

Component Elements Properties	Metric	English	Comments
Palladium, Pd	10 %	10 %	
Platinum, Pt	90 %	90 %	

## Contact Songhan Plastic Technology Co.,Ltd.

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