

## Johnson Matthey SC 950 Platinum w/ 5% Palladium Jewelry Alloy

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

### Material Notes:

Castings, delicate settings. 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-950-Platinum-w-5-Palladium-Jewelry-Alloy.php](http://www.lookpolymers.com/polymer_Johnson-Matthey-SC-950-Platinum-w-5-Palladium-Jewelry-Alloy.php)

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

Mechanical Properties	Metric	English	Comments
Hardness, Vickers	60	60	Annealed
	68	68	As Cast
Elongation at Break	22 %	22 %	Annealed
	22 %	22 %	As Cast

Thermal Properties	Metric	English	Comments
Melting Point	1755 - 1765 °C	3191 - 3209 °F	
Solidus	1755 °C	3191 °F	
Liquidus	1765 °C	3209 °F	

Component Elements Properties	Metric	English	Comments
Palladium, Pd	5.0 %	5.0 %	
Platinum, Pt	95 %	95 %	

## Contact Songhan Plastic Technology Co.,Ltd.

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