

Goodfellow Platinum 70/Rhodium 30 Thermocouple Alloy

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

Material Notes:

Information provided by Goodfellow.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Goodfellow-Platinum-70Rhodium-30-Thermocouple-Alloy.php

Physical Properties	Metric	English	Comments
Density	17.6 g/cc	0.636 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Brinell	130 - 238	130 - 238	
Tensile Strength at Break	460 - 930 MPa	66700 - 135000 psi	
Elongation at Break	<= 30 %	<= 30 %	

Thermal Properties	Metric	English	Comments
Melting Point	1920 - 1930 °C	3490 - 3510 °F	
Solidus	1920 °C	3490 °F	
Liquidus	1930 °C	3510 °F	

Component Elements Properties	Metric	English	Comments
Platinum, Pt	70 %	70 %	
Rhodium, Rh	30 %	30 %	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.0000188 ohm-cm	0.0000188 ohm-cm	Temperature Coefficient of 0.0014/K

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.comEmail : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China