

Goodfellow Permendur 49® Cobalt Iron Magnetic Alloy

Category : Metal , Ferrous Metal

Material Notes:

Information provided by Goodfellow.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Goodfellow-Permendur-49-Cobalt-Iron-Magnetic-Alloy.php

Physical Properties	Metric	English	Comments
Density	8.15 g/cc	0.294 lb/in ³	

Mechanical Properties	Metric	English	Comments
Elongation at Break	6.0 %	6.0 %	

Thermal Properties	Metric	English	Comments
CTE, linear	9.50 µm/m-°C	5.28 µin/in-°F	
	@Temperature 20.0 °C	@Temperature 68.0 °F	

Component Elements Properties	Metric	English	Comments
Cobalt, Co	49 %	49 %	
Iron, Fe	49 %	49 %	
Vanadium, V	2.0 %	2.0 %	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.0000400 ohm-cm	0.0000400 ohm-cm	
Magnetic Saturation Flux Density, Bmax	23400 Gauss	23400 Gauss	
Curie Temperature	940 °C	1720 °F	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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