

Mi-Tech Metals TC70 70 Tungsten Carbide/30 Copper PM Metal Composite

Category : Metal , Metal Matrix Composite , Nonferrous Metal , Tungsten Alloy

Material Notes:

Mi-Tech refractory alloys are manufactured by pressing, sintering, and infiltrating tungsten with copper or silver. Typical Resistance Welding Applications: Extremely hard and wear resistant to meet the more demanding requirements of electrical upsetting and electro-forging. Data provided by Mi-Tech Metals.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Mi-Tech-Metals-TC70-70-Tungsten-Carbide30-Copper-PM-Metal-Composite.php

Physical Properties	Metric	English	Comments
Density	>= 12.3 g/cc	>= 0.444 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell C	32	32	
Tensile Strength, Ultimate	586 MPa	85000 psi	

Component Elements Properties	Metric	English	Comments
Copper, Cu	30 %	30 %	
WC	70 %	70 %	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.00000570 ohm-cm	0.00000570 ohm-cm	

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