

Mi-Tech Metals CW78 78 Tungsten/22 Copper PM Metal Composite

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

Material Notes:

RWMA Class 11 and 12. Mi-Tech refractory alloys are manufactured by pressing, sintering, and infiltrating tungsten with copper or silver. Typical Resistance Welding Applications: Class 12 material is specifically recommended for heavy-duty or projection welding electrodes where the pressures involved are relatively high and for die facings in electro-forming and electro-forging applications. It is suitable as die material for electrical upsetting of non-ferrous metals and low carbon steel or for cross-wire welding of larger diameter wire and rod. Data provided by Mi-Tech Metals.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Mi-Tech-Metals-CW78-78-Tungsten22-Copper-PM-Metal-Composite.php

Physical Properties	Metric	English	Comments
Density	>= 14.9 g/cc	>= 0.538 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell B	92	92	
Tensile Strength, Ultimate	648 MPa	94000 psi	

Component Elements Properties	Metric	English	Comments
Copper, Cu	22 %	22 %	
Tungsten, W	78 %	78 %	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.00000370 ohm-cm	0.00000370 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