

MetalTek Copper Ni Si Cast UNS C81540 High Conductivity

Category : Metal , Nonferrous Metal , Copper Alloy

Material Notes:

Information provided by MetalTekCast Grade C81540

Order this product through the following link:

http://www.lookpolymers.com/polymer_MetalTek-Copper-Ni-Si-Cast-UNS-C81540-High-Conductivity.php

Mechanical Properties	Metric	English	Comments
Hardness, Brinell	192	192	3000 kg, typical
Tensile Strength, Ultimate	>= 550 MPa	>= 79800 psi	
Tensile Strength, Yield	>= 450 MPa	>= 65300 psi	
Elongation at Break	>= 15 %	>= 15 %	

Component Elements Properties	Metric	English	Comments
Chromium, Cr	0.10 - 0.60 %	0.10 - 0.60 %	
Copper, Cu	95.6 - 97.5 %	95.6 - 97.5 %	
Nickel, Ni	2.0 - 3.0 %	2.0 - 3.0 %	
Silicon, Si	0.40 - 0.80 %	0.40 - 0.80 %	

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