

MetalTek MTEK 90-10 UNS C96200 Nickel-Copper Alloy

Category : Metal , Nonferrous Metal , Copper Alloy

Material Notes:

Information provided by MetalTek

Order this product through the following link:

http://www.lookpolymers.com/polymer_MetalTek-MTEK-90-10-UNS-C96200-Nickel-Copper-Alloy.php

Mechanical Properties	Metric	English	Comments
Hardness, Brinell	126	126	
Tensile Strength, Ultimate	>= 310 MPa	>= 45000 psi	
Tensile Strength, Yield	>= 170 MPa	>= 24700 psi	
Elongation at Break	>= 20 %	>= 20 %	

Component Elements Properties	Metric	English	Comments
Carbon, C	<= 0.10 %	<= 0.10 %	
Copper, Cu	84.1 - 89.5 %	84.1 - 89.5 %	
Iron, Fe	1.0 - 1.8 %	1.0 - 1.8 %	
Manganese, Mn	<= 1.5 %	<= 1.5 %	
Nickel, Ni	9.0 - 11 %	9.0 - 11 %	
Niobium, Nb (Columbium, Cb)	0.50 - 1.0 %	0.50 - 1.0 %	
Silicon, Si	<= 0.50 %	<= 0.50 %	

Descriptive Properties	Value	Comments
Heat Treatment	Not Heat Treated	

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