

MetalTek MTEK A Cast UNS N04020 Nickel-Copper Alloy

Category : Metal , Nonferrous Metal , Nickel Alloy

Material Notes:

Acid and alkaline resistant. Weldable grade
Applications: Marine pumps, valves, seal housings, filter parts.
Information provided by MetalTek

Order this product through the following link:

http://www.lookpolymers.com/polymer_MetalTek-MTEK-A-Cast-UNS-N04020-Nickel-Copper-Alloy.php

Mechanical Properties	Metric	English	Comments
Hardness, Brinell	143	143	
Tensile Strength, Ultimate	>= 450 MPa	>= 65300 psi	
Tensile Strength, Yield	>= 170 MPa	>= 24700 psi	
Elongation at Break	>= 25 %	>= 25 %	

Component Elements Properties	Metric	English	Comments
Aluminum, Al	<= 0.50 %	<= 0.50 %	
Carbon, C	<= 0.35 %	<= 0.35 %	
Copper, Cu	26 - 33 %	26 - 33 %	
Iron, Fe	<= 3.5 %	<= 3.5 %	
Manganese, Mn	<= 1.5 %	<= 1.5 %	
Nickel, Ni	62 - 68 %	62 - 68 %	
Silicon, Si	<= 2.0 %	<= 2.0 %	

Descriptive Properties	Value	Comments
Heat Treatment	Not Heat Treated	

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