

MetalTek MTEK CZ-100 Cast UNS N02100 Severe Corrosion and Heat Resistant Alloy

Category : Metal , Nonferrous Metal , Nickel Alloy , Superalloy

Material Notes:

Strong, tough and resistant to a wide range of industrial chemicals. Applications: Process equipment; food, pharmaceutical and chemical. Information provided by MetalTek

Order this product through the following link:

http://www.lookpolymers.com/polymer_MetalTek-MTEK-CZ-100-Cast-UNS-N02100-Severe-Corrosion-and-Heat-Resistant-Alloy.php

Mechanical Properties	Metric	English	Comments
Hardness, Brinell	121	121	
Tensile Strength, Ultimate	>= 345 MPa	>= 50000 psi	
Tensile Strength, Yield	>= 125 MPa	>= 18100 psi	
Elongation at Break	>= 10 %	>= 10 %	

Component Elements Properties	Metric	English	Comments
Carbon, C	<= 1.0 %	<= 1.0 %	
Copper, Cu	<= 1.25 %	<= 1.25 %	
Iron, Fe	<= 3.0 %	<= 3.0 %	
Manganese, Mn	<= 1.5 %	<= 1.5 %	
Nickel, Ni	>= 95 %	>= 95 %	
Silicon, Si	<= 2.0 %	<= 2.0 %	

Descriptive Properties	Value	Comments
Heat Treatment	Not Heat Treated	

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