

MetalTek MTEK CX-2MW Cast UNS N26022 Severe Corrosion and Heat Resistant Alloy

Category : Metal , Nonferrous Metal , Nickel Alloy , Superalloy

Material Notes:

Information provided by MetalTek

Order this product through the following link:

http://www.lookpolymers.com/polymer_MetalTek-MTEK-CX-2MW-Cast-UNS-N26022-Severe-Corrosion-and-Heat-Resistant-Alloy.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	>= 550 MPa	>= 79800 psi	
Tensile Strength, Yield	>= 310 MPa	>= 45000 psi	
Elongation at Break	>= 30 %	>= 30 %	

Component Elements Properties	Metric	English	Comments
Carbon, C	<= 0.020 %	<= 0.020 %	
Chromium, Cr	20 - 22.5 %	20 - 22.5 %	
Iron, Fe	2.0 - 6.0 %	2.0 - 6.0 %	
Manganese, Mn	<= 0.80 %	<= 0.80 %	
Molybdenum, Mo	12.5 - 14.5 %	12.5 - 14.5 %	
Nickel, Ni	51.33 - 63 %	51.33 - 63 %	As Balance
Silicon, Si	<= 1.0 %	<= 1.0 %	
Tungsten, W	2.5 - 3.5 %	2.5 - 3.5 %	
Vanadium, V	<= 0.35 %	<= 0.35 %	

Descriptive Properties	Value	Comments
Heat Treatment	Sol. Anneal	

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