

MetalTek MTEK 625 Cast UNS N26625 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-625-Cast-UNS-N26625-Severe-Corrosion-and-Heat-Resistant-Alloy.php

Mechanical Properties	Metric	English	Comments
Hardness, Brinell	163	163	
Tensile Strength, Ultimate	>= 485 MPa	>= 70300 psi	
Tensile Strength, Yield	>= 275 MPa	>= 39900 psi	
Elongation at Break	>= 25 %	>= 25 %	

Component Elements Properties	Metric	English	Comments
Carbon, C	<= 0.060 %	<= 0.060 %	
Chromium, Cr	20 - 23 %	20 - 23 %	
Iron, Fe	<= 5.0 %	<= 5.0 %	
Manganese, Mn	<= 1.0 %	<= 1.0 %	
Molybdenum, Mo	8.0 - 10 %	8.0 - 10 %	
Nickel, Ni	55.44 - 68.85 %	55.44 - 68.85 %	As Balance
Niobium, Nb (Columbium, Cb)	3.15 - 4.5 %	3.15 - 4.5 %	
Silicon, Si	<= 1.0 %	<= 1.0 %	

Descriptive Properties	Value	Comments
Heat Treatment	Sol. Anneal	

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