

MetalTek HAYNES[®] 230 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-HAYNES-230-Severe-Corrosion-and-Heat-Resistant-Alloy.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	>= 485 MPa	>= 70300 psi	
Tensile Strength, Yield	>= 275 MPa	>= 39900 psi	
Elongation at Break	>= 15 %	>= 15 %	

Component Elements Properties	Metric	English	Comments
Carbon, C	0.050 - 0.090 %	0.050 - 0.090 %	
Chromium, Cr	20 - 24 %	20 - 24 %	
Manganese, Mn	<= 1.0 %	<= 1.0 %	
Molybdenum, Mo	1.0 - 3.0 %	1.0 - 3.0 %	
Nickel, Ni	56.16 - 65.7 %	56.16 - 65.7 %	As Balance
Silicon, Si	0.25 - 0.75 %	0.25 - 0.75 %	
Tungsten, W	13 - 15 %	13 - 15 %	

Descriptive Properties	Value	Comments
Heat Treatment	Sol. Anneal	

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