

MetalTek MTEK N155 UNS R30155 Severe Corrosion and Heat Resistant Alloy

Category : Metal , Nonferrous Metal , Superalloy

Material Notes:

Information provided by MetalTek

Order this product through the following link:

http://www.lookpolymers.com/polymer_MetalTek-MTEK-N155-UNS-R30155-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	>= 18 %	>= 18 %	

Component Elements Properties	Metric	English	Comments
Carbon, C	<= 0.20 %	<= 0.20 %	
Chromium, Cr	20 - 22.5 %	20 - 22.5 %	
Cobalt, Co	18.5 - 21 %	18.5 - 21 %	
Manganese, Mn	1.0 - 2.0 %	1.0 - 2.0 %	
Molybdenum, Mo	2.5 - 3.5 %	2.5 - 3.5 %	
Nickel, Ni	19 - 21 %	19 - 21 %	
Silicon, Si	<= 1.0 %	<= 1.0 %	
Tungsten, W	2.0 - 3.0 %	2.0 - 3.0 %	

Descriptive Properties	Value	Comments
Heat Treatment	As Cast	

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