

MetalTek INÂ® 713 UNS N07713 Centri-Vac Nickel Cobalt Based 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-IN-713-UNS-N07713-Centri-Vac-Nickel-Cobalt-Based-Alloy.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	>= 760 MPa	>= 110000 psi	
Tensile Strength, Yield	>= 690 MPa	>= 100000 psi	
Elongation at Break	>= 3.0 %	>= 3.0 %	

Component Elements Properties	Metric	English	Comments
Aluminum, Al	5.5 - 6.5 %	5.5 - 6.5 %	
Carbon, C	<= 0.20 %	<= 0.20 %	
Cb + Ta	1.0 - 3.0 %	1.0 - 3.0 %	
Chromium, Cr	13 - 15 %	13 - 15 %	
Molybdenum, Mo	2.5 - 5.5 %	2.5 - 5.5 %	
Nickel, Ni	68.55 - 77.05 %	68.55 - 77.05 %	As Balance
Titanium, Ti	0.75 - 1.25 %	0.75 - 1.25 %	

Descriptive Properties	Value	Comments
Heat Treatment	Not Heat Treated	

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