

MetalTek H 188 Centri-Vac Nickel Cobalt Based Alloy

Category : Metal , Nonferrous Metal , Cobalt Alloy , Superalloy

Material Notes:

Information provided by MetalTek

Order this product through the following link:

http://www.lookpolymers.com/polymer_MetalTek-H-188-Centri-Vac-Nickel-Cobalt-Based-Alloy.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	>= 590 MPa	>= 85600 psi	
Tensile Strength, Yield	>= 380 MPa	>= 55100 psi	
Elongation at Break	>= 15 %	>= 15 %	

Component Elements Properties	Metric	English	Comments
Carbon, C	0.050 - 0.15 %	0.050 - 0.15 %	
Chromium, Cr	20 - 24 %	20 - 24 %	
Cobalt, Co	31.1 - 46.95 %	31.1 - 46.95 %	As Balance
Iron, Fe	<= 3.0 %	<= 3.0 %	
Manganese, Mn	<= 1.25 %	<= 1.25 %	
Nickel, Ni	20 - 24 %	20 - 24 %	
Silicon, Si	0.20 - 0.50 %	0.20 - 0.50 %	
Tungsten, W	13 - 16 %	13 - 16 %	

Descriptive Properties	Value	Comments
Heat Treatment	Sol. Anneal	

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