

MetalTek MTEK 718 Cast UNS N07718 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-718-Cast-UNS-N07718-Severe-Corrosion-and-Heat-Resistant-Alloy.php

Mechanical Properties	Metric	English	Comments
Hardness, Brinell	352	352	
Tensile Strength, Ultimate	>= 860 MPa	>= 125000 psi	
Tensile Strength, Yield	>= 760 MPa	>= 110000 psi	
Elongation at Break	>= 5 %	>= 5 %	

Component Elements Properties	Metric	English	Comments
Carbon, C	0.020 - 0.080 %	0.020 - 0.080 %	
Cb + Ta	4.75 - 5.4 %	4.75 - 5.4 %	
Chromium, Cr	17 - 21 %	17 - 21 %	
Molybdenum, Mo	2.8 - 3.3 %	2.8 - 3.3 %	
Nickel, Ni	50 - 55 %	50 - 55 %	

Descriptive Properties	Value	Comments
Heat Treatment	Sol. Anneal & Age	

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