

MetalTek MTEK 50-50Nb Cast UNS R20501 Heat Resistant Stainless Steel

Category : Metal , Ferrous Metal , Heat Resisting , Stainless Steel , Cast Stainless Steel

Material Notes:

Information provided by MetalTek

Order this product through the following link:

http://www.lookpolymers.com/polymer_MetalTek-MTEK-50-50Nb-Cast-UNS-R20501-Heat-Resistant-Stainless-Steel.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	>= 550 MPa	>= 79800 psi	
Tensile Strength, Yield	>= 350 MPa	>= 50800 psi	
Elongation at Break	>= 5.0 %	>= 5.0 %	

Component Elements Properties	Metric	English	Comments
Carbon, C	<= 0.10 %	<= 0.10 %	
Chromium, Cr	47 - 52 %	47 - 52 %	
Manganese, Mn	<= 0.30 %	<= 0.30 %	
Nickel, Ni	45.4 - 51.6 %	45.4 - 51.6 %	
Niobium, Nb (Columbium, Cb)	1.4 - 1.7 %	1.4 - 1.7 %	
Silicon, Si	<= 0.50 %	<= 0.50 %	

Descriptive Properties	Value	Comments
Heat Treatment	Not Heat Treated	

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