

MetalTek MTEK Super 20-32Nb Cast UNS N08151 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-Super-20-32Nb-Cast-UNS-N08151-Heat-Resistant-Stainless-Steel.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	>= 435 MPa	>= 63100 psi	
Tensile Strength, Yield	>= 170 MPa	>= 24700 psi	
Elongation at Break	>= 25 %	>= 25 %	

Component Elements Properties	Metric	English	Comments
Carbon, C	0.12 %	0.12 %	
Chromium, Cr	20 %	20 %	
Iron, Fe	44 %	44 %	As Balance
Manganese, Mn	1.25 %	1.25 %	
Nickel, Ni	33 %	33 %	
Niobium, Nb (Columbium, Cb)	0.90 %	0.90 %	
Other, total	<= 0.50 %	<= 0.50 %	
Silicon, Si	0.60 %	0.60 %	

Descriptive Properties	Value	Comments
Heat Treatment	Not heat treated or solution annealed	

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