

MetalTek MTEK 29-17 Cast UNS J94003 Heat Resistant Stainless Steel

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

Material Notes:

Good strength, ductility, and corrosion resistance. Applications: Billet skids, rails, tube spacers. Information provided by MetalTek

Order this product through the following link:

http://www.lookpolymers.com/polymer_MetalTek-MTEK-29-17-Cast-UNS-J94003-Heat-Resistant-Stainless-Steel.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	>= 480 MPa	>= 69600 psi	
Tensile Strength, Yield	>= 240 MPa	>= 34800 psi	
Elongation at Break	>= 10 %	>= 10 %	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	980 Å°C	1800 Å°F	

Component Elements Properties	Metric	English	Comments
Carbon, C	0.20 - 0.50 %	0.20 - 0.50 %	
Chromium, Cr	26 - 30 %	26 - 30 %	
Iron, Fe	47.5 - 59.8 %	47.5 - 59.8 %	As Balance
Manganese, Mn	<= 2.0 %	<= 2.0 %	
Nickel, Ni	14 - 18 %	14 - 18 %	
Silicon, Si	<= 2.0 %	<= 2.0 %	

Descriptive Properties	Value	Comments
Heat Treatment	Not Heat Treated	

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