

MetalTek MTEK 309 Cast UNS J93400 Austenitic Stainless Steel

Category : Metal , Ferrous Metal , Austenitic , Stainless Steel , Cast Stainless Steel , T 300 Series Stainless Steel

Material Notes:

"300" series, general corrosion resistant alloy
 Applications: Nuclear, chemical and food processing. Valve and pump trim.
 Information provided by MetalTek

Order this product through the following link:

http://www.lookpolymers.com/polymer_MetalTek-MTEK-309-Cast-UNS-J93400-Austenitic-Stainless-Steel.php

Mechanical Properties	Metric	English	Comments
Hardness, Brinell	187	187	
Tensile Strength, Ultimate	>= 485 MPa	>= 70300 psi	
Tensile Strength, Yield	>= 205 MPa	>= 29700 psi	
Elongation at Break	>= 30 %	>= 30 %	

Component Elements Properties	Metric	English	Comments
Carbon, C	<= 0.20 %	<= 0.20 %	
Chromium, Cr	22 - 26 %	22 - 26 %	
Iron, Fe	55.3 - 66 %	55.3 - 66 %	As Balance
Manganese, Mn	<= 1.5 %	<= 1.5 %	
Nickel, Ni	12 - 15 %	12 - 15 %	
Silicon, Si	<= 2.0 %	<= 2.0 %	

Descriptive Properties	Value	Comments
Heat Treatment	Sol. Anneal	

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