

MetalTek MTEK 310 Cast UNS J94202 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-310-Cast-UNS-J94202-Austenitic-Stainless-Steel.php

Mechanical Properties	Metric	English	Comments
Hardness, Brinell	163	163	
Tensile Strength, Ultimate	>= 450 MPa	>= 65300 psi	
Tensile Strength, Yield	>= 195 MPa	>= 28300 psi	
Elongation at Break	>= 30 %	>= 30 %	

Component Elements Properties	Metric	English	Comments
Carbon, C	<= 0.20 %	<= 0.20 %	
Chromium, Cr	23 - 27 %	23 - 27 %	
Iron, Fe	47.55 - 58 %	47.55 - 58 %	As Balance
Manganese, Mn	<= 1.5 %	<= 1.5 %	
Nickel, Ni	19 - 22 %	19 - 22 %	
Silicon, Si	<= 1.75 %	<= 1.75 %	

Descriptive Properties	Value	Comments
Heat Treatment	Sol. Anneal	

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