

MetalTek MTEK CA6NM Cast UNS J91540 Martensitic Stainless Steel

Category : Metal , Ferrous Metal , Martensitic , Stainless Steel , Cast Stainless Steel , T 400 Series Stainless Steel

Material Notes:

"400" series, General corrosion resistant alloys, high strength. Applications: Chemical and food process equipment, jet engine compressor cases and rocket engine parts. Information provided by MetalTek

Order this product through the following link:

http://www.lookpolymers.com/polymer_MetalTek-MTEK-CA6NM-Cast-UNS-J91540-Martensitic-Stainless-Steel.php

Mechanical Properties	Metric	English	Comments
Hardness, Brinell	277	277	
Tensile Strength, Ultimate	>= 760 MPa	>= 110000 psi	
Tensile Strength, Yield	>= 550 MPa	>= 79800 psi	
Elongation at Break	>= 15 %	>= 15 %	

Component Elements Properties	Metric	English	Comments
Carbon, C	<= 0.060 %	<= 0.060 %	
Chromium, Cr	11.5 - 14 %	11.5 - 14 %	
Iron, Fe	78.44 - 84.6 %	78.44 - 84.6 %	As Balance
Manganese, Mn	<= 1.0 %	<= 1.0 %	
Molybdenum, Mo	0.40 - 1.0 %	0.40 - 1.0 %	
Nickel, Ni	3.5 - 4.5 %	3.5 - 4.5 %	
Silicon, Si	<= 1.0 %	<= 1.0 %	

Descriptive Properties	Value	Comments
Heat Treatment	Norm & Temper	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.comEmail : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China