

MetalTek MTEK SD100 Cast UNS J93380 Duplex Stainless Steel

Category : Metal , Ferrous Metal , Duplex , 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-SD100-Cast-UNS-J93380-Duplex-Stainless-Steel.php

Mechanical Properties	Metric	English	Comments
Hardness, Brinell	235	235	
Tensile Strength, Ultimate	>= 690 MPa	>= 100000 psi	
Tensile Strength, Yield	>= 450 MPa	>= 65300 psi	
Elongation at Break	>= 25 %	>= 25 %	

Component Elements Properties	Metric	English	Comments
Carbon, C	<= 0.030 %	<= 0.030 %	
Chromium, Cr	22.5 - 25.5 %	22.5 - 25.5 %	
Copper, Cu	0.50 - 1.0 %	0.50 - 1.0 %	
Iron, Fe	55.17 - 65.30 %	55.17 - 65.30 %	As Balance
Manganese, Mn	<= 1.0 %	<= 1.0 %	
Molybdenum, Mo	3.0 - 4.0 %	3.0 - 4.0 %	
Nickel, Ni	8.0 - 11 %	8.0 - 11 %	
Nitrogen, N	0.20 - 0.30 %	0.20 - 0.30 %	
Silicon, Si	<= 1.0 %	<= 1.0 %	
Tungsten, W	0.50 - 1.0 %	0.50 - 1.0 %	

Descriptive Properties	Value	Comments
Heat Treatment	Sol. Anneal	

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