

MetalTek MTEK 29M Cast UNS J93370 Duplex Stainless Steel

Category : Metal , Ferrous Metal , Duplex , Stainless Steel , Cast Stainless Steel

Material Notes:

Excellent seawater corrosion resistance combined with nearly twice the strength of common stainless steels. Applications: Offshore piping systems, couplings. Centrifuge, dewatering equipment. Pump, valve trim, pulp digesters Information provided by MetalTek

Order this product through the following link:

http://www.lookpolymers.com/polymer_MetalTek-MTEK-29M-Cast-UNS-J93370-Duplex-Stainless-Steel.php

Mechanical Properties	Metric	English	Comments
Hardness, Brinell	235	235	
Tensile Strength, Ultimate	>= 690 MPa	>= 100000 psi	
Tensile Strength, Yield	>= 485 MPa	>= 70300 psi	
Elongation at Break	>= 16 %	>= 16 %	

Component Elements Properties	Metric	English	Comments
Carbon, C	<= 0.040 %	<= 0.040 %	
Chromium, Cr	24.5 - 26.5 %	24.5 - 26.5 %	
Copper, Cu	2.75 - 3.25 %	2.75 - 3.25 %	
Iron, Fe	59.96 - 66.25 %	59.96 - 66.25 %	As Balance
Manganese, Mn	<= 1.0 %	<= 1.0 %	
Molybdenum, Mo	1.75 - 2.25 %	1.75 - 2.25 %	
Nickel, Ni	4.75 - 6.0 %	4.75 - 6.0 %	
Silicon, Si	<= 1.0 %	<= 1.0 %	

Descriptive Properties	Value	Comments
Heat Treatment	Sol. Anneal	

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