

MetalTek FERRALIUM® 225 UNS J32550 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. Produced under license of Meighs Ltd.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-FERRALIUM-225-UNS-J32550-Duplex-Stainless-Steel.php

Mechanical Properties	Metric	English	Comments
Hardness, Brinell	241	241	
Tensile Strength, Ultimate	>= 690 MPa	>= 100000 psi	
Tensile Strength, Yield	>= 450 MPa	>= 65300 psi	
Elongation at Break	>= 20 %	>= 20 %	

Component Elements Properties	Metric	English	Comments
Carbon, C	<= 0.040 %	<= 0.040 %	
Chromium, Cr	24 - 27 %	24 - 27 %	
Copper, Cu	1.0 - 2.5 %	1.0 - 2.5 %	
Iron, Fe	56.7 - 67.7 %	56.7 - 67.7 %	As Balance
Manganese, Mn	<= 1.0 %	<= 1.0 %	
Molybdenum, Mo	2.7 - 3.9 %	2.7 - 3.9 %	
Nickel, Ni	4.5 - 7.5 %	4.5 - 7.5 %	
Nitrogen, N	>= 0.10 %	>= 0.10 %	
Silicon, Si	<= 1.0 %	<= 1.0 %	

Descriptive Properties	Value	Comments
Heat Treatment	Sol. Anneal	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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