

MetalTek 254 SMO[®] Super Austenitic Stainless Steel

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

Material Notes:

Corrosion resistance approaching nickel alloys, especially in chloride service. Produced under license of Avesta Jernverk AB. Applications: Process piping exposed to flue gas and solutions. Information provided by MetalTek

Order this product through the following link:

http://www.lookpolymers.com/polymer_MetalTek-254-SMO-Super-Austenitic-Stainless-Steel.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	>= 550 MPa	>= 79800 psi	
Tensile Strength, Yield	>= 260 MPa	>= 37700 psi	
Elongation at Break	>= 35 %	>= 35 %	

Component Elements Properties	Metric	English	Comments
Carbon, C	<= 0.025 %	<= 0.025 %	
Chromium, Cr	19.5 - 20.5 %	19.5 - 20.5 %	
Copper, Cu	0.50 - 1.0 %	0.50 - 1.0 %	
Iron, Fe	49.535 - 56.32 %	49.535 - 56.32 %	As Balance
Manganese, Mn	<= 1.2 %	<= 1.2 %	
Molybdenum, Mo	6.0 - 7.0 %	6.0 - 7.0 %	
Nickel, Ni	17.5 - 19.5 %	17.5 - 19.5 %	
Nitrogen, N	0.18 - 0.24 %	0.18 - 0.24 %	
Silicon, Si	<= 1.0 %	<= 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