

MetalTek MTEK 20 Cast UNS N08007 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. Applications: Process piping exposed to flue gas and solutions. Information provided by MetalTek Cast UNS N08007; Cast Grade CN7M; Cast ASTM A351, A743, A744; Wrought UNS N09020; Wrought Grade 20Cb-3®

Order this product through the following link:

http://www.lookpolymers.com/polymer_MetalTek-MTEK-20-Cast-UNS-N08007-Super-Austenitic-Stainless-Steel.php

Mechanical Properties	Metric	English	Comments
Hardness, Brinell	156	156	
Tensile Strength, Ultimate	>= 425 MPa	>= 61600 psi	
Tensile Strength, Yield	>= 170 MPa	>= 24700 psi	
Elongation at Break	>= 35 %	>= 35 %	

Component Elements Properties	Metric	English	Comments
Carbon, C	<= 0.070 %	<= 0.070 %	
Chromium, Cr	19 - 22 %	19 - 22 %	
Copper, Cu	3.0 - 4.0 %	3.0 - 4.0 %	
Iron, Fe	37.43 - 48.5 %	37.43 - 48.5 %	As Balance
Manganese, Mn	<= 1.5 %	<= 1.5 %	
Molybdenum, Mo	2.0 - 3.0 %	2.0 - 3.0 %	
Nickel, Ni	27.5 - 30.5 %	27.5 - 30.5 %	
Silicon, Si	<= 1.5 %	<= 1.5 %	

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