

## MetalTek MTEK 20-25 Cast UNS J94213 Heat Resistant Stainless Steel

Category : Metal , Ferrous Metal , Heat Resisting , Stainless Steel , Cast Stainless Steel

**Material Notes:**

Provides strength levels of HT with better ductility. Applications: Furnace skids for slabs, bars, furnace fixtures  
Information provided by MetalTek

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_MetalTek-MTEK-20-25-Cast-UNS-J94213-Heat-Resistant-Stainless-Steel.php](http://www.lookpolymers.com/polymer_MetalTek-MTEK-20-25-Cast-UNS-J94213-Heat-Resistant-Stainless-Steel.php)

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	>= 435 MPa	>= 63100 psi	
Elongation at Break	>= 8.0 %	>= 8.0 %	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	980 Å°C	1800 Å°F	

Component Elements Properties	Metric	English	Comments
Carbon, C	0.20 - 0.50 %	0.20 - 0.50 %	
Chromium, Cr	19 - 23 %	19 - 23 %	
Iron, Fe	45.5 - 57.8 %	45.5 - 57.8 %	As Balance
Manganese, Mn	<= 2.0 %	<= 2.0 %	
Nickel, Ni	23 - 27 %	23 - 27 %	
Silicon, Si	<= 2.0 %	<= 2.0 %	

Descriptive Properties	Value	Comments
Heat Treatment	Not Heat Treated	

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