

## MetalTek MTEK 25-20 Cast UNS J94224 Heat Resistant Stainless Steel

Category : Metal , Ferrous Metal , Heat Resisting , Stainless Steel , Cast Stainless Steel , T 300 Series Stainless Steel

**Material Notes:**

Increased strength for more highly stressed applications. Good resistance to oxidizing or reducing process flow. Applications: Calcining tubes, pier caps, high temperature fixtures and hardware. Information provided by MetalTek

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_MetalTek-MTEK-25-20-Cast-UNS-J94224-Heat-Resistant-Stainless-Steel.php](http://www.lookpolymers.com/polymer_MetalTek-MTEK-25-20-Cast-UNS-J94224-Heat-Resistant-Stainless-Steel.php)

Mechanical Properties	Metric	English	Comments
Hardness, Brinell	170	170	
Tensile Strength, Ultimate	>= 450 MPa	>= 65300 psi	
Tensile Strength, Yield	>= 240 MPa	>= 34800 psi	
Elongation at Break	>= 10 %	>= 10 %	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	1025 Â°C	1877 Â°F	

Component Elements Properties	Metric	English	Comments
Carbon, C	0.20 - 0.60 %	0.20 - 0.60 %	
Chromium, Cr	24 - 28 %	24 - 28 %	
Iron, Fe	45.4 - 57.8 %	45.4 - 57.8 %	As Balance
Manganese, Mn	<= 2.0 %	<= 2.0 %	
Nickel, Ni	18 - 22 %	18 - 22 %	
Silicon, Si	<= 2.0 %	<= 2.0 %	

Descriptive Properties	Value	Comments
Heat Treatment	Not Heat Treated	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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