

## MetalTek MTEK 25-35 Cast UNS N08705; Cast UNS J95705 Heat Resistant Stainless Steel

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

**Material Notes:**

Higher chrome and nickel content provides increased strength and resistance to both oxidation and carburization. Applications: Reformer and Ethylene pyrolysis tubes and fittings. Information provided by MetalTek Cast UNS N08705; J95705; Cast Grade HP; Cast ASTM A297

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_MetalTek-MTEK-25-35-Cast-UNS-N08705-Cast-UNS-J95705-Heat-Resistant-Stainless-Steel.php](http://www.lookpolymers.com/polymer_MetalTek-MTEK-25-35-Cast-UNS-N08705-Cast-UNS-J95705-Heat-Resistant-Stainless-Steel.php)

Mechanical Properties	Metric	English	Comments
Hardness, Brinell	190	190	
Tensile Strength, Ultimate	>= 430 MPa	>= 62400 psi	
Tensile Strength, Yield	>= 235 MPa	>= 34100 psi	
Elongation at Break	>= 4.5 %	>= 4.5 %	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	1050 Â°C	1920 Â°F	

Component Elements Properties	Metric	English	Comments
Carbon, C	0.35 - 0.75 %	0.35 - 0.75 %	
Chromium, Cr	24 - 28 %	24 - 28 %	
Iron, Fe	29.75 - 42.65 %	29.75 - 42.65 %	As Balance
Manganese, Mn	<= 2.0 %	<= 2.0 %	
Nickel, Ni	33 - 37 %	33 - 37 %	
Silicon, Si	<= 2.5 %	<= 2.5 %	

Descriptive Properties	Value	Comments
Heat Treatment	Not Heat Treated	

### Contact Songhan Plastic Technology Co.,Ltd.

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