

## MetalTek MTEK 115 Martensitic Stainless Steel

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

**Material Notes:**

Information provided by MetalTek

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_MetalTek-MTEK-115-Martensitic-Stainless-Steel.php](http://www.lookpolymers.com/polymer_MetalTek-MTEK-115-Martensitic-Stainless-Steel.php)

Mechanical Properties	Metric	English	Comments
Hardness, Brinell	330	330	
Tensile Strength, Ultimate	>= 925 MPa	>= 134000 psi	
Tensile Strength, Yield	>= 740 MPa	>= 107000 psi	
Elongation at Break	>= 8.0 %	>= 8.0 %	

Component Elements Properties	Metric	English	Comments
Carbon, C	0.080 - 0.18 %	0.080 - 0.18 %	
Chromium, Cr	10 - 12.5 %	10 - 12.5 %	
Iron, Fe	81.97 - 88.72 %	81.97 - 88.72 %	As Balance
Manganese, Mn	0.50 - 1.25 %	0.50 - 1.25 %	
Molybdenum, Mo	0.50 - 1.0 %	0.50 - 1.0 %	
Nickel, Ni	<= 1.5 %	<= 1.5 %	
Niobium, Nb (Columbium, Cb)	0.20 - 0.60 %	0.20 - 0.60 %	
Silicon, Si	<= 1.0 %	<= 1.0 %	

Descriptive Properties	Value	Comments
Heat Treatment	harden & Temper	

## Contact Songhan Plastic Technology Co.,Ltd.

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