

## MetalTek MTEK WC 1 UNS J13047 Cast Alloy Steel

Category : Metal , Ferrous Metal , Alloy Steel , AISI 8000 Series Steel

**Material Notes:**

General structural use.Applications: Cylinders, rolls, hollow shafts.Information provided by MetalTek

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_MetalTek-MTEK-WC-1-UNS-J13047-Cast-Alloy-Steel.php](http://www.lookpolymers.com/polymer_MetalTek-MTEK-WC-1-UNS-J13047-Cast-Alloy-Steel.php)

Mechanical Properties	Metric	English	Comments
Hardness, Brinell	197	197	
Tensile Strength, Ultimate	>= 450 MPa	>= 65300 psi	
Tensile Strength, Yield	>= 240 MPa	>= 34800 psi	
Elongation at Break	>= 24 %	>= 24 %	

Component Elements Properties	Metric	English	Comments
Carbon, C	<= 0.25 %	<= 0.25 %	
Iron, Fe	97.7 - 99.05 %	97.7 - 99.05 %	As Balance
Manganese, Mn	0.50 - 0.80 %	0.50 - 0.80 %	
Molybdenum, Mo	0.45 - 0.65 %	0.45 - 0.65 %	
Silicon, Si	<= 0.60 %	<= 0.60 %	

Descriptive Properties	Value	Comments
Heat Treatment	Quench & Temper	

## 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