

## MetalTek MTEK CW-12MW Cast UNS N30002 Severe Corrosion and Heat Resistant Alloy

Category : Metal , Nonferrous Metal , Nickel Alloy , Superalloy

**Material Notes:**

Information provided by MetalTek

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_MetalTek-MTEK-CW-12MW-Cast-UNS-N30002-Severe-Corrosion-and-Heat-Resistant-Alloy.php](http://www.lookpolymers.com/polymer_MetalTek-MTEK-CW-12MW-Cast-UNS-N30002-Severe-Corrosion-and-Heat-Resistant-Alloy.php)

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	>= 495 MPa	>= 71800 psi	
Tensile Strength, Yield	>= 275 MPa	>= 39900 psi	
Elongation at Break	>= 4.0 %	>= 4.0 %	

Component Elements Properties	Metric	English	Comments
Carbon, C	<= 0.12 %	<= 0.12 %	
Chromium, Cr	15.5 - 17.5 %	15.5 - 17.5 %	
Iron, Fe	4.5 - 7.5 %	4.5 - 7.5 %	
Manganese, Mn	<= 1.0 %	<= 1.0 %	
Molybdenum, Mo	16 - 18 %	16 - 18 %	
Nickel, Ni	49.23 - 60.05 %	49.23 - 60.05 %	As Balance
Silicon, Si	<= 1.0 %	<= 1.0 %	
Tungsten, W	3.75 - 5.25 %	3.75 - 5.25 %	
Vanadium, V	0.20 - 0.40 %	0.20 - 0.40 %	

Descriptive Properties	Value	Comments
Heat Treatment	Sol. Anneal	

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

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