

## MetalTek MTEK CY-40 Cast UNS N06040 Severe Corrosion and Heat Resistant Alloy

Category : Metal , Nonferrous Metal , Nickel Alloy , Superalloy

### Material Notes:

Good strength and toughness from cryogenic to elevated temperatures.Applications: Nuclear flow control, chemical process flanges and fittings.Information provided by MetalTek

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_MetalTek-MTEK-CY-40-Cast-UNS-N06040-Severe-Corrosion-and-Heat-Resistant-Alloy.php](http://www.lookpolymers.com/polymer_MetalTek-MTEK-CY-40-Cast-UNS-N06040-Severe-Corrosion-and-Heat-Resistant-Alloy.php)

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	>= 485 MPa	>= 70300 psi	
Tensile Strength, Yield	>= 195 MPa	>= 28300 psi	
Elongation at Break	>= 30 %	>= 30 %	

Component Elements Properties	Metric	English	Comments
Carbon, C	<= 0.40 %	<= 0.40 %	
Chromium, Cr	14 - 17 %	14 - 17 %	
Iron, Fe	<= 11 %	<= 11 %	
Manganese, Mn	<= 1.5 %	<= 1.5 %	
Nickel, Ni	67.1 - 86 %	67.1 - 86 %	As Balance
Silicon, Si	<= 3.0 %	<= 3.0 %	

Descriptive Properties	Value	Comments
Heat Treatment	Sol. Anneal	

## Contact Songhan Plastic Technology Co.,Ltd.

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