

MetalTek MTEK 35-45MA Heat Resistant Stainless Steel

Category : Metal , Ferrous Metal , Heat Resisting , 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-35-45MA-Heat-Resistant-Stainless-Steel.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	>= 450 MPa	>= 65300 psi	
Tensile Strength, Yield	>= 235 MPa	>= 34100 psi	
Elongation at Break	>= 5.0 %	>= 5.0 %	

Component Elements Properties	Metric	English	Comments
Carbon, C	0.35 - 0.47 %	0.35 - 0.47 %	
Chromium, Cr	33 - 36 %	33 - 36 %	
Iron, Fe	11.03 - 23.65 %	11.03 - 23.65 %	As Balance
Manganese, Mn	<= 2.0 %	<= 2.0 %	
Molybdenum, Mo	<= 0.50 %	<= 0.50 %	
Nickel, Ni	43 - 47 %	43 - 47 %	
Niobium, Nb (Columbium, Cb)	<= 1.0 %	<= 1.0 %	
Silicon, Si	<= 2.0 %	<= 2.0 %	

Descriptive Properties	Value	Comments
Heat Treatment	Not Heat Treated	

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