

MetalTek MTEK 25-35MA 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-25-35MA-Heat-Resistant-Stainless-Steel.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	>= 450 MPa	>= 65300 psi	
Tensile Strength, Yield	>= 225 MPa	>= 32600 psi	
Elongation at Break	>= 6.0 %	>= 6.0 %	Static
	>= 8.0 %	>= 8.0 %	Cent

Component Elements Properties	Metric	English	Comments
Carbon, C	0.35 - 0.55 %	0.35 - 0.55 %	low C version available
Chromium, Cr	23 - 27 %	23 - 27 %	
Iron, Fe	30.2 - 43.15 %	30.2 - 43.15 %	As Balance
Manganese, Mn	<= 1.5 %	<= 1.5 %	
Molybdenum, Mo	<= 0.50 %	<= 0.50 %	
Nickel, Ni	33 - 37 %	33 - 37 %	
Niobium, Nb (Columbium, Cb)	0.50 - 1.25 %	0.50 - 1.25 %	
Silicon, Si	<= 2.0 %	<= 2.0 %	

Descriptive Properties	Value	Comments
Heat Treatment	Not Heat Treated	

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