

MetalTek MTEK 87-11-1-0-1 Cast UNS C92500 Gear Bronze

Category : Metal , Nonferrous Metal , Copper Alloy , Bronze

Material Notes:

Copper-tin alloy with high tensile, yield and compressive strength as well as wear resistance. Applications: Worm gears, steel mill nuts
Information provided by MetalTek Cast UNS C92500; Cast Grade C92501; Cast ASTM B505; Mil QQ-C-390B

Order this product through the following link:

http://www.lookpolymers.com/polymer_MetalTek-MTEK-87-11-1-0-1-Cast-UNS-C92500-Gear-Bronze.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	>= 275 MPa	>= 39900 psi	
Tensile Strength, Yield	>= 165 MPa	>= 23900 psi	
Elongation at Break	>= 10 %	>= 10 %	

Component Elements Properties	Metric	English	Comments
Copper, Cu	87 %	87 %	
Lead, Pb	1.0 %	1.0 %	
Nickel, Ni	1.0 %	1.0 %	
Tin, Sn	11 %	11 %	

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