

MetalTek C86400 Leaded Manganese Bronze

Category : Metal , Nonferrous Metal , Copper Alloy , Bronze

Material Notes:

High strength and hardness copper-zinc alloy. Applications: Steel mill nuts, ordnance parts, worm gears. Information provided by MetalTekCast UNS C86400; Cast Grade C86401; Cast ASTM B271, B584, B148; Mil QQ-C-390B

Order this product through the following link:

http://www.lookpolymers.com/polymer_MetalTek-C86400-Leaded-Manganese-Bronze.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	>= 400 MPa	>= 58000 psi	
Tensile Strength, Yield	>= 140 MPa	>= 20300 psi	
Elongation at Break	>= 15 %	>= 15 %	

Component Elements Properties	Metric	English	Comments
Aluminum, Al	1.5 %	1.5 %	
Copper, Cu	58 %	58 %	
Iron, Fe	2.0 %	2.0 %	
Manganese, Mn	0.50 %	0.50 %	
Zinc, Zn	38 %	38 %	

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