

MetalTek MTEK 85-5-5-5 Cast UNS C83600 Bearing Bronze

Category : Metal , Nonferrous Metal , Copper Alloy , Brass

Material Notes:

High aqueous and atmospheric corrosion resistance, moderate strength and conductivity. Applications: Valves, pumps, pipe fittings, electric terminal ends. Information provided by MetalTek Cast UNS C83600; Cast Grade C83600; Cast ASTM B271, B62, B584; Military MIL-C-15345-14; SAE 40 (Discontinued)

Order this product through the following link:

http://www.lookpolymers.com/polymer_MetalTek-MTEK-85-5-5-5-Cast-UNS-C83600-Bearing-Bronze.php

Mechanical Properties	Metric	English	Comments
Hardness, Brinell	70	70	500 kg
Tensile Strength, Ultimate	>= 205 MPa	>= 29700 psi	
Tensile Strength, Yield	>= 95.0 MPa	>= 13800 psi	
Elongation at Break	>= 20 %	>= 20 %	

Component Elements Properties	Metric	English	Comments
Copper, Cu	85 %	85 %	
Lead, Pb	5.0 %	5.0 %	
Tin, Sn	5.0 %	5.0 %	
Zinc, Zn	5.0 %	5.0 %	

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