

MetalTek MTEK 83-7-7-3 Cast UNS C93200 Bearing Bronze

Category : Metal , Nonferrous Metal , Copper Alloy , Bronze

Material Notes:

Popular alloy with score resistance, structural uniformity, shear properties, compressive strength and low cost. Applications: Bearings, bushings, sleeves, liners, piston rings, hydraulic parts. Information provided by MetalTek Cast UNS C93200; Cast Grade C93200; Cast ASTM B271, B505, B584; Military MIL-C-15345-12; SAE 660 (Discontinued)

Order this product through the following link:

http://www.lookpolymers.com/polymer_MetalTek-MTEK-83-7-7-3-Cast-UNS-C93200-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	>= 15 %	>= 15 %	

Component Elements Properties	Metric	English	Comments
Copper, Cu	83 %	83 %	
Lead, Pb	7.0 %	7.0 %	
Tin, Sn	7.0 %	7.0 %	
Zinc, Zn	3.0 %	3.0 %	

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