

MetalTek MTEK 78-7-15 HI LEAD Cast UNS C93800 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 C93800; Cast Grade C93800; Cast ASTM B271, B66, B584; SAE 67 (Discontinued); Mil QQ-C-390B

Order this product through the following link:

http://www.lookpolymers.com/polymer_MetalTek-MTEK-78-7-15-HI-LEAD-Cast-UNS-C93800-Bearing-Bronze.php

Mechanical Properties	Metric	English	Comments
Hardness, Brinell	60	60	500 kg
Tensile Strength, Ultimate	>= 180 MPa	>= 26100 psi	
Tensile Strength, Yield	>= 95.0 MPa	>= 13800 psi	
Elongation at Break	>= 12 %	>= 12 %	

Component Elements Properties	Metric	English	Comments
Copper, Cu	78 %	78 %	
Lead, Pb	15 %	15 %	
Nickel, Ni	<= 0.75 %	<= 0.75 %	
Tin, Sn	7.0 %	7.0 %	

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