

## MetalTek MTEK 76-6-18 HI LEAD Cast UNS C94100 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 C94100; Cast Grade C94100; Cast ASTM B66; Mil QQ-C-390B

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_MetalTek-MTEK-76-6-18-HI-LEAD-Cast-UNS-C94100-Bearing-Bronze.php](http://www.lookpolymers.com/polymer_MetalTek-MTEK-76-6-18-HI-LEAD-Cast-UNS-C94100-Bearing-Bronze.php)

Mechanical Properties	Metric	English	Comments
Hardness, Brinell	60	60	500 kg
Tensile Strength, Ultimate	>= 170 MPa	>= 24700 psi	
Tensile Strength, Yield	>= 110 MPa	>= 16000 psi	
Elongation at Break	>= 5.0 %	>= 5.0 %	

Component Elements Properties	Metric	English	Comments
Copper, Cu	76 %	76 %	
Lead, Pb	18 %	18 %	
Tin, Sn	6.0 %	6.0 %	

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