

## MetalTek Bearium<sup>®</sup> B-4 Bearing Bronze

Category : Metal , Nonferrous Metal , Copper Alloy , Bronze

### Material Notes:

Exceptional frictional properties as a result of uniformly dispersed microstructure constituents. Applications: Turbine thrust bearings, centrifuge bushings, shaft sleeves, and other severe duty, mission critical bearings and bushings. Information provided by MetalTek

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_MetalTek-Bearium-B-4-Bearing-Bronze.php](http://www.lookpolymers.com/polymer_MetalTek-Bearium-B-4-Bearing-Bronze.php)

Mechanical Properties	Metric	English	Comments
Hardness, Brinell	40	40	500 kg
Tensile Strength, Ultimate	>= 150 MPa	>= 21800 psi	
Tensile Strength, Yield	>= 75.0 MPa	>= 10900 psi	
Elongation at Break	>= 16 %	>= 16 %	

Component Elements Properties	Metric	English	Comments
Copper, Cu	70 %	70 %	
Lead, Pb	26 %	26 %	
Tin, Sn	4.0 %	4.0 %	

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