

MetalTek Bearium[®] B-11 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-11-Bearing-Bronze.php

Mechanical Properties	Metric	English	Comments
Hardness, Brinell	60	60	500 kg
Tensile Strength, Ultimate	>= 210 MPa	>= 30500 psi	
Tensile Strength, Yield	>= 110 MPa	>= 16000 psi	
Elongation at Break	>= 8.0 %	>= 8.0 %	

Component Elements Properties	Metric	English	Comments
Copper, Cu	70 %	70 %	
Lead, Pb	18 %	18 %	
Nickel, Ni	1.5 %	1.5 %	
Tin, Sn	10 %	10 %	

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