

MetalTek NAVY G Cast UNS C90300 Bearing Bronze

Category : Metal , Nonferrous Metal , Copper Alloy , Bronze

Material Notes:

Copper-tin alloy with high tensile, yield and compressive strength as well as wear resistance. Applications: Worm gears, steel mill nuts
Information provided by MetalTek Cast UNS C90300; Cast Grade C90300; Cast ASTM B271, B584; Military MIL-C-15345-8; SAE 620
(Discontinued)

Order this product through the following link:

http://www.lookpolymers.com/polymer_MetalTek-NAVY-G-Cast-UNS-C90300-Bearing-Bronze.php

Mechanical Properties	Metric	English	Comments
Hardness, Brinell	80	80	500 kg
Tensile Strength, Ultimate	>= 275 MPa	>= 39900 psi	
Tensile Strength, Yield	>= 125 MPa	>= 18100 psi	
Elongation at Break	>= 20 %	>= 20 %	

Component Elements Properties	Metric	English	Comments
Copper, Cu	88 %	88 %	
Tin, Sn	8.0 %	8.0 %	
Zinc, Zn	4.0 %	4.0 %	

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