

MetalTek NAVY G 1% LEAD Cast UNS C92300 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 C92300; Cast Grade C92300; Cast ASTM B271, B584; Military MIL-C-15345-10; SAE 621
(Discontinued)

Order this product through the following link:

http://www.lookpolymers.com/polymer_MetalTek-NAVY-G-1-LEAD-Cast-UNS-C92300-Bearing-Bronze.php

| Mechanical Properties | Metric | English | Comments |
|----------------------------|------------|--------------|----------|
| Hardness, Brinell | 75 | 75 | 500 kg |
| Tensile Strength, Ultimate | >= 250 MPa | >= 36300 psi | |
| Tensile Strength, Yield | >= 110 MPa | >= 16000 psi | |
| Elongation at Break | >= 18 % | >= 18 % | |

| Component Elements Properties | Metric | English | Comments |
|-------------------------------|--------|---------|----------|
| Copper, Cu | 87 % | 87 % | |
| Lead, Pb | 1.0 % | 1.0 % | |
| Tin, Sn | 8.0 % | 8.0 % | |
| Zinc, Zn | 4.0 % | 4.0 % | |

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