

MetalTek MTEK 175 Cast UNS C95400 Aluminum Bronze

Category : Metal , Nonferrous Metal , Copper Alloy , Bronze

Material Notes:

Versatile alloy with high strength, good ductility, unusual toughness, plus exceptional wear resistance. Aluminum Bronze heat treated to higher mechanical properties where necessary. Information provided by MetalTekCast UNS C95400; Cast Grade C95400; Cast ASTM B271, B505, B148; AMS 4870 (Centrifugal Casting); Mil QQ-C-390B

Order this product through the following link:

http://www.lookpolymers.com/polymer_MetalTek-MTEK-175-Cast-UNS-C95400-Aluminum-Bronze.php

Mechanical Properties	Metric	English	Comments
Hardness, Brinell	>= 150	>= 150	3000 kg
	183	183	3000 kg, typical
Tensile Strength, Ultimate	>= 515 MPa	>= 74700 psi	
Tensile Strength, Yield	>= 205 MPa	>= 29700 psi	
Elongation at Break	>= 12 %	>= 12 %	

Component Elements Properties	Metric	English	Comments
Aluminum, Al	11 %	11 %	
Copper, Cu	85 %	85 %	
Iron, Fe	4.0 %	4.0 %	

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