

MetalTek MTEK 230-B Cast UNS C95500HT 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 Grade UNS C95500HT; Cast ASTM B271, B505, B148; Military MIL-C-15345-14; AMS 4800

Order this product through the following link:

http://www.lookpolymers.com/polymer_MetalTek-MTEK-230-B-Cast-UNS-C95500HT-Aluminum-Bronze.php

Mechanical Properties	Metric	English	Comments
Hardness, Brinell	>= 200	>= 200	3000 kg
	229	229	3000 kg, typical
Tensile Strength, Ultimate	>= 760 MPa	>= 110000 psi	
Tensile Strength, Yield	>= 415 MPa	>= 60200 psi	
Elongation at Break	>= 5.0 %	>= 5.0 %	

Component Elements Properties	Metric	English	Comments
Aluminum, Al	11 %	11 %	
Copper, Cu	81 %	81 %	
Iron, Fe	4.0 %	4.0 %	
Nickel, Ni	4.0 %	4.0 %	

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