

MetalTek MTEK 125 Cast UNS C95200 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 C95200; Cast Grade C95200; Cast ASTM B271, B505, B148; Military MIL-B-16833CL1

Order this product through the following link:

http://www.lookpolymers.com/polymer_MetalTek-MTEK-125-Cast-UNS-C95200-Aluminum-Bronze.php

Mechanical Properties	Metric	English	Comments
Hardness, Brinell	>= 110	>= 110	3000 kg
	143	143	3000 kg, typical
Tensile Strength, Ultimate	>= 450 MPa	>= 65300 psi	
Tensile Strength, Yield	>= 170 MPa	>= 24700 psi	
Elongation at Break	>= 20 %	>= 20 %	

Component Elements Properties	Metric	English	Comments
Aluminum, Al	9.0 %	9.0 %	
Copper, Cu	88 %	88 %	
Iron, Fe	3.0 %	3.0 %	

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