

MetalTek MTEK 175 Low Iron Cast UNS C95300 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 C95300; Cast Grade C95300; Cast ASTM B271, B505, B148; Mil QQ-C-390B

Order this product through the following link:

http://www.lookpolymers.com/polymer_MetalTek-MTEK-175-Low-Iron-Cast-UNS-C95300-Aluminum-Bronze.php

Mechanical Properties	Metric	English	Comments
Hardness, Brinell	>= 110	>= 110	3000 kg
	167	167	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	10 %	10 %	
Copper, Cu	89 %	89 %	
Iron, Fe	1.0 %	1.0 %	

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