

MetalTek C86500 Low Tensile Manganese Bronze

Category : Metal , Nonferrous Metal , Copper Alloy , Bronze

Material Notes:

High aqueous and atmospheric corrosion resistance, moderate strength and conductivity. Applications: Valves, pumps, pipe fittings, electric terminal ends. Information provided by MetalTek Cast UNS C83650; Cast Grade C83650; Cast ASTM B271, B584, B148; Military MIL-C-15345-4; SAE 43 (Discontinued)

Order this product through the following link:

http://www.lookpolymers.com/polymer_MetalTek-C86500-Low-Tensile-Manganese-Bronze.php

Mechanical Properties	Metric	English	Comments
Hardness, Brinell	149	149	
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	1.0 %	1.0 %	
Copper, Cu	58 %	58 %	
Iron, Fe	1.0 %	1.0 %	
Manganese, Mn	1.0 %	1.0 %	
Zinc, Zn	39 %	39 %	

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