

MetalTek MTEK 150 Cast UNS C95220 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 C95220; Cast Grade C95220

Order this product through the following link:

http://www.lookpolymers.com/polymer_MetalTek-MTEK-150-Cast-UNS-C95220-Aluminum-Bronze.php

Mechanical Properties	Metric	English	Comments
Hardness, Brinell	>= 150	>= 150	3000 kg
	163	163	3000 kg, typical
Tensile Strength, Ultimate	>= 485 MPa	>= 70300 psi	
Tensile Strength, Yield	>= 195 MPa	>= 28300 psi	
Elongation at Break	>= 20 %	>= 20 %	

Component Elements Properties	Metric	English	Comments
Aluminum, Al	10 %	10 %	
Copper, Cu	84 - 86.5 %	84 - 86.5 %	
Iron, Fe	3.5 %	3.5 %	
Nickel, Ni	<= 2.5 %	<= 2.5 %	

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