

## MetalTek MTEK 230 Cast UNS C95500 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 C95500; Cast Grade C95500; Cast ASTM B271, B505, B148; Mil QQ-C-390B

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_MetalTek-MTEK-230-Cast-UNS-C95500-Aluminum-Bronze.php](http://www.lookpolymers.com/polymer_MetalTek-MTEK-230-Cast-UNS-C95500-Aluminum-Bronze.php)

Mechanical Properties	Metric	English	Comments
Hardness, Brinell	>= 190	>= 190	3000 kg
	212	212	3000 kg, typical
Tensile Strength, Ultimate	>= 620 MPa	>= 89900 psi	
Tensile Strength, Yield	>= 275 MPa	>= 39900 psi	
Elongation at Break	>= 6.0 %	>= 6.0 %	

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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