

## MetalTek MTEK 230-N Cast UNS C95800 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 C95800; Cast Grade C95800; Cast ASTM B271, B505, B148; Military MIL-B-24480; MIL-C-15345-28; ABS-4

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_MetalTek-MTEK-230-N-Cast-UNS-C95800-Aluminum-Bronze.php](http://www.lookpolymers.com/polymer_MetalTek-MTEK-230-N-Cast-UNS-C95800-Aluminum-Bronze.php)

Mechanical Properties	Metric	English	Comments
Hardness, Brinell	175	175	3000 kg, typical
Tensile Strength, Ultimate	>= 585 MPa	>= 84800 psi	
Tensile Strength, Yield	>= 240 MPa	>= 34800 psi	
Elongation at Break	>= 15 %	>= 15 %	

Component Elements Properties	Metric	English	Comments
Aluminum, Al	9.0 %	9.0 %	
Copper, Cu	81 %	81 %	
Iron, Fe	4.0 %	4.0 %	
Manganese, Mn	1.0 %	1.0 %	
Nickel, Ni	5.0 %	5.0 %	

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