

MetalTek MTEK 275 Cast UNS C95900 Aluminum Bronze

Category : Metal , Nonferrous Metal , Copper Alloy , Bronze

Material Notes:

Engineered alloy for excellent wear and anti-galling properties in forming, bending and drawing dies. Aluminum Bronze heat treated to higher mechanical properties where necessary. Information provided by MetalTek Cast UNS C95900; Cast Grade C95900; Cast ASTM B271, B505, B148

Order this product through the following link:

http://www.lookpolymers.com/polymer_MetalTek-MTEK-275-Cast-UNS-C95900-Aluminum-Bronze.php

Mechanical Properties	Metric	English	Comments
Hardness, Brinell	>= 248	>= 248	3000 kg
	255	255	3000 kg, typical
Tensile Strength, Ultimate	>= 515 MPa	>= 74700 psi	
Tensile Strength, Yield	>= 345 MPa	>= 50000 psi	
Elongation at Break	>= 1.0 %	>= 1.0 %	

Component Elements Properties	Metric	English	Comments
Aluminum, Al	13 %	13 %	
Copper, Cu	82.5 %	82.5 %	
Iron, Fe	4.5 %	4.5 %	

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