

## Chicago Extruded Metals BioBrass® UNS C95520 As-Cast Aluminum Bronze

Category : Metal , Nonferrous Metal , Copper Alloy , Bronze , Copper Casting Alloy

**Material Notes:**

This alloy is registered with the U.S. EPA as Antimicrobial. Information provided by Chicago Extruded Metals

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Chicago-Extruded-Metals-BioBrass-UNS-C95520-As-Cast-Aluminum-Bronze.php](http://www.lookpolymers.com/polymer_Chicago-Extruded-Metals-BioBrass-UNS-C95520-As-Cast-Aluminum-Bronze.php)

Mechanical Properties	Metric	English	Comments
Tensile Strength	862 MPa	125000 psi	
Tensile Strength, Yield	655 MPa	95000 psi	
Elongation at Break	2.0 %	2.0 %	

Component Elements Properties	Metric	English	Comments
Aluminum, Al	10.5 - 11.5 %	10.5 - 11.5 %	
Copper, Cu	>= 74.5 %	>= 74.5 %	
Iron, Fe	4.0 - 5.5 %	4.0 - 5.5 %	
Lead, Pb	<= 0.030 %	<= 0.030 %	
Manganese, Mn	<= 1.5 %	<= 1.5 %	
Nickel, Ni	4.2 - 6.0 %	4.2 - 6.0 %	
Other, total	0.20 %	0.20 %	
Silicon, Si	<= 0.15 %	<= 0.15 %	
Tin, Sn	<= 0.25 %	<= 0.25 %	
Zinc, Zn	<= 0.30 %	<= 0.30 %	

### Contact Songhan Plastic Technology Co.,Ltd.

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