

## Chicago Extruded Metals BioBrass® UNS C62500 Aluminum Bronze

Category : Metal , Nonferrous Metal , Copper Alloy , Bronze

**Material Notes:**

Finished product available in rods.Chicago Extruded Metal temper code: M30This 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-C62500-Aluminum-Bronze.php](http://www.lookpolymers.com/polymer_Chicago-Extruded-Metals-BioBrass-UNS-C62500-Aluminum-Bronze.php)

Physical Properties	Metric	English	Comments
Density	7.20 g/cc	0.260 lb/in <sup>3</sup>	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell B	29	29	
Tensile Strength	689 MPa	100000 psi	
Tensile Strength, Yield	379 MPa	55000 psi	
Elongation at Break	1.0 %	1.0 %	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	34.6 W/m-K	240 BTU-in/hr-ft <sup>2</sup> -°F	

Component Elements Properties	Metric	English	Comments
Aluminum, Al	12.5 - 13.5 %	12.5 - 13.5 %	
Copper, Cu	>= 78.5 %	>= 78.5 %	as balance
Iron, Fe	3.5 - 5.5 %	3.5 - 5.5 %	
Manganese, Mn	<= 2.0 %	<= 2.0 %	
Other, total	0.50 %	0.50 %	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.0000172 ohm-cm	0.0000172 ohm-cm	

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

Website : [www.lookpolymers.com](http://www.lookpolymers.com)Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

**Tel : +86 021-51131842**

**Mobile : +86 13061808058**

**Skype : lookpolymers**

**Address : United North Road 215,Fengxian District, Shanghai City,China**