

Chicago Extruded Metals BioBrass® UNS C62400 Aluminum Bronze

Category : Metal , Nonferrous Metal , Copper Alloy , Bronze

Material Notes:

Finished product available as rod or forged. Chicago Extruded Metal temper codes: H02, M30 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-C62400-Aluminum-Bronze.php

Physical Properties	Metric	English	Comments
Density	7.45 g/cc	0.269 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell B	87 - 92	87 - 92	
Tensile Strength	621 - 724 MPa	90000 - 105000 psi	
Tensile Strength, Yield	276 - 359 MPa	40000 - 52000 psi	
Elongation at Break	14 - 18 %	14 - 18 %	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	86.5 W/m-K	600 BTU-in/hr-ft ² -°F	

Component Elements Properties	Metric	English	Comments
Aluminum, Al	10 - 11.5 %	10 - 11.5 %	
Copper, Cu	>= 82.75 %	>= 82.75 %	as balance
Iron, Fe	2.0 - 4.5 %	2.0 - 4.5 %	
Manganese, Mn	<= 0.30 %	<= 0.30 %	
Other, total	0.50 %	0.50 %	
Silicon, Si	<= 0.25 %	<= 0.25 %	
Tin, Sn	<= 0.20 %	<= 0.20 %	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.0000144 ohm-cm	0.0000144 ohm-cm	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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