

Chicago Extruded Metals UNS C36000 Copper-Zinc-Lead Alloy

Category : Metal , Nonferrous Metal , Copper Alloy , Brass

Material Notes:

Copper-Zinc-Lead Alloy (Leaded Brass) Finished product available as bar, wire, rod or shapes. Chicago Extruded Metal temper codes: H01, H02 Information provided by Chicago Extruded Metals

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chicago-Extruded-Metals-UNS-C36000-Copper-Zinc-Lead-Alloy.php

Physical Properties	Metric	English	Comments
Density	8.50 g/cc	0.307 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell B	22 - 80	22 - 80	
Tensile Strength	276 - 552 MPa	40000 - 80000 psi	
Tensile Strength, Yield	103 - 310 MPa	15000 - 45000 psi	
Elongation at Break	4.0 - 50 %	4.0 - 50 %	
Machinability	100 %	100 %	standard against which other copper alloys are judged

Thermal Properties	Metric	English	Comments
Thermal Conductivity	116 W/m-K	804 BTU-in/hr-ft ² -°F	

Component Elements Properties	Metric	English	Comments
Copper, Cu	60 - 63 %	60 - 63 %	
Iron, Fe	0.35 %	0.35 %	
Lead, Pb	2.5 - 3.0 %	2.5 - 3.0 %	
Other, total	0.50 %	0.50 %	
Zinc, Zn	33.15 - 36.65 %	33.15 - 36.65 %	as balance

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.00000663 ohm-cm	0.00000663 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