

Chicago Extruded Metals UNS C38000 Copper-Zinc-Lead Alloy

Category : Metal , Nonferrous Metal , Copper Alloy , Brass

Material Notes:

Copper-Zinc-Lead Alloy (Leaded Brass) Finished product available in 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-C38000-Copper-Zinc-Lead-Alloy.php

Physical Properties	Metric	English	Comments
Density	8.22 g/cc	0.297 lb/in ³	

Mechanical Properties	Metric	English	Comments
Tensile Strength	331 MPa	48000 psi	
Tensile Strength, Yield	110 MPa	16000 psi	
Elongation at Break	15 %	15 %	

Component Elements Properties	Metric	English	Comments
Aluminum, Al	0.50 %	0.50 %	
Copper, Cu	55 - 60 %	55 - 60 %	
Iron, Fe	0.35 %	0.35 %	
Lead, Pb	1.5 - 2.5 %	1.5 - 2.5 %	
Other, total	0.50 %	0.50 %	
Tin, Sn	0.30 %	0.30 %	
Zinc, Zn	35.85 - 41.85 %	35.85 - 41.85 %	as balance

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