

Mueller Alloy 3530 High Leaded Brass 62% (UNS C35300)

Category : Metal , Nonferrous Metal , Copper Alloy , Brass

Material Notes:

Used for screw machine products requiring some cold formability (i.e. crimping, knurling) Applications: Alloy 3530 is used for screw machine applications requiring the ability to be cold formed either during, or subsequent to, machining. The material can be thread rolled, knurled, bent, flared, swaged or staked. Alloy 3530 exhibits somewhat better high temperature characteristic in relation to comparable (i.e. alloy 3450) alloys. Typical applications include builders hardware (drawer handles, pulls and hinges), industrial (screw machine parts, valve stems, flare fittings, couplings) and plumbing (fittings, faucet seats and plumbers' brass goods). Information Provided by Mueller Industries Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Mueller-Alloy-3530-High-Leaded-Brass-62-UNS-C35300.php

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell B	75	75	
Tensile Strength at Break	400 MPa	58000 psi	
Tensile Strength, Yield	310 MPa	45000 psi	
Elongation at Break	25 %	25 %	
Machinability	90 %	90 %	UNS C36000 = 100%

Component Elements Properties	Metric	English	Comments
Copper, Cu	60 - 63 %	60 - 63 %	
Iron, Fe	<= 0.15 %	<= 0.15 %	
Lead, Pb	1.5 - 2.5 %	1.5 - 2.5 %	
Zinc, Zn	34.5 - 38.5 %	34.5 - 38.5 %	Remainder

Processing Properties	Metric	English	Comments
Processing Temperature	260 Â°C	500 Â°F	Stress Relieving

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