

Mueller EcoStream[®],ç C37000 Free Cutting Muntz Metal

Category : Metal , Nonferrous Metal , Copper Alloy , Brass

Material Notes:

As one of the low lead alloys offered in the EcoStream[®],ç family of products, Mueller Brass Company's C37000 alloy provides a viable alternative to those manufacturers who are manufacturing products and components that require compliance with the recently approved "Reduction of Lead in Drinking Water Act." The legislation re-defines the term "lead free" to mean "no more than a weighted average of 0.25% lead when used with respect to the wetted surfaces of pipes, plumbing fittings and fixtures." With this in mind, Mueller Brass Company's C37000 alloy provides a low lead alloy that aids in the compliance to this legislation, while maintaining machinability ratings and forging performance near that of conventional free cutting and forging alloys. No Silicon & No Bismuth & No Segregation In addition to machinability ratings near that of free cutting brass, C37000 also possesses the virtues and merits of Mueller Brass Company's other EcoStream[®],ç Lead Free and Low Lead alloys. Since no contaminating additives like bismuth or silicon are used in the production of this alloy, C37000 is completely recyclable with conventional brass alloys still widely being used for non-potable plumbing and industrial applications. As a result, there is no need to segregate scrap, no incurred downtime for machine clean-outs, and higher production efficiency and through-put. Advantages: Good machinability Excellent hot forgability Excellent capability for brazing and plating Excellent ability to thread rolled Completely recyclable Applications: Screw machine parts requiring lower lead content Forged parts and components in LEAD FREE applications and products Information Provided by Mueller Industries Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Mueller-EcoStream-C37000-Free-Cutting-Muntz-Metal.php

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell B	78	78	
Tensile Strength at Break	359 MPa	52000 psi	
Tensile Strength, Yield	138 MPa	20000 psi	
Elongation at Break	30 %	30 %	

Component Elements Properties	Metric	English	Comments
Copper, Cu	59 - 62 %	59 - 62 %	
Iron, Fe	<= 0.15 %	<= 0.15 %	
Lead, Pb	0.80 - 1.5 %	0.80 - 1.5 %	
Zinc, Zn	36.35 - 40.2 %	36.35 - 40.2 %	Remainder

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.comEmail : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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