

Mueller Dynalloy Alloy 6730 Free cutting bearing bronze (UNS C67300)

Category : Metal , Nonferrous Metal , Copper Alloy , Bronze

Material Notes:

Free cutting bearing bronze Applications: Dynalloy is widely used for bearing applications, bushings, gears, valve guides, shaft and cylinder guides. The alloy has found wide acceptance in speed reducer gears and is an excellent alloy for axial piston pump components. Information Provided by Mueller Industries Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Mueller-Dynalloy-Alloy-6730-Free-cutting-bearing-bronze-UNS-C67300.php

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell B	86	86	
Tensile Strength at Break	586 MPa	85000 psi	
Tensile Strength, Yield	455 MPa	66000 psi	
Elongation at Break	16 %	16 %	
Machinability	70 %	70 %	UNS C36000 = 100%

Component Elements Properties	Metric	English	Comments
Copper, Cu	59.5 %	59.5 %	
Lead, Pb	1.0 %	1.0 %	
Manganese, Mn	2.5 %	2.5 %	
Silicon, Si	1.0 %	1.0 %	
Zinc, Zn	36 %	36 %	Remainder

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