

Mueller Alloy 4850 Naval Brass - High Leaded (UNS C48500)

Category : Metal , Nonferrous Metal , Copper Alloy , Brass

Material Notes:

Alloy noted for its machinability and resistance to wear, fatigue, galling and stress corrosion cracking. Applications: The alloy is typically used for fastener, valve stems, screw machine products and marine hardware. Information Provided by Mueller Industries Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Mueller-Alloy-4850-Naval-Brass-High-Leaded-UNS-C48500.php

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell B	82	82	
Tensile Strength at Break	517 MPa	75000 psi	
Tensile Strength, Yield	365 MPa	53000 psi	
Elongation at Break	15 %	15 %	
Machinability	70 %	70 %	UNS C36000 = 100%

Component Elements Properties	Metric	English	Comments
Copper, Cu	59 - 62 %	59 - 62 %	
Iron, Fe	2.1 %	2.1 %	
Lead, Pb	1.3 - 2.2 %	1.3 - 2.2 %	
Tin, Sn	0.50 - 1.0 %	0.50 - 1.0 %	
Zinc, Zn	32.7 - 37.1 %	32.7 - 37.1 %	Remainder

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