

Brass - CW606N / CZ131

Round Bar

Properties

Stock		Chemical Properties	
Dia (in)	Weight/m (Kg)	Element	Chemical Composition %
1/8	0.07	Copper (Cu)	62.00
5/32	0.11	Lead (Pb)	2.00 typical
4mm	0.11	Zinc (Zn)	Balance
3/16	0.15		
5mm	0.17		
7/32	0.21		
6mm	0.24		
1/4	0.27		
9/32	0.34		
5/16	0.42		
11/32	0.51		
3/8	0.61		
13/32	0.71		
7/16	0.83		
1/2	1.08		
9/16	1.36		
5/8	1.67		
11/16	2.02		
3/4	2.41		
13/16	2.85		
7/8	3.27		
15/16	3.76		
1	4.29		
3	38.60		
3 1/2	52.50		

Mechanical Properties	
Property	Value
Proof Stress	160 - 450 MPa
Tensile Strength	300 - 580 MPa
Elongation	45 - 5%
Hardness Vickers	90 to 150 HV

Physical Properties	
Property	Value
Density	8.50 g/cm ³
Melting Point	885°C
Modulus of Elasticity	105 GPa
Thermal Conductivity	115 W/m.K
Electrical Resistivity	0.066 x 10 ⁻⁶ Ω.m

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