

## Brass - CW602N / CZ132

### Round Bar

### Properties

Stock		Chemical Properties	
Dia (in)	Weight/m (Kg)	Element	Chemical composition %
1/2	1.08	Copper (Cu)	Rem
5/8	1.67	Lead (Pb)	1.70 - 2.80
3/4	2.41	Arsenic (As)	0.08 - 0.15
7/8	3.27	Zinc (Zn)	35.0 - 37.0
1	4.29	Tin (Sn)	0.2 max
1 1/4	6.70	Iron (Fe)	0.2 max
1 1/2	9.64	Total Impurities	0.5 max
1 5/8	11.30		
1 3/4	13.10		
2	17.30		
2 1/2	26.80		
		Mechanical Properties	
		Property	Value
		Proof stress	350 N/mm <sup>2</sup>
		Tensile strength	-
		Elongation	22%
		Physical Properties	
		Property	Value
		Density	8.43 g/cm <sup>3</sup>
		Melting Point	910°C
		Modulus of Elasticity	106 KN/mm <sup>2</sup>
		Thermal Conductivity (20°C)	117 W/m.K
		Electrical Resistivity	0.066 Ω mm <sup>2/m</sup>

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