

# Phosphor & Leaded Bronze - CC481K / PB1

## Round Bar

## Properties

Stock		Chemical Properties	
Dia (in)	Weight/m (Kg)	Element	Chemical Composition %
1/2	1.28	Copper (Cu)	87.0 - 89.5
3/4	2.76	Phosphorus (P)	0.5 - 1.0
7/8	3.67	Tin (Sn)	10.0 - 11.5
1	4.79		
1 1/4	7.38		
1 1/2	10.50		
1 3/4	14.21		
2	18.44		
2 1/4	23.36		
2 1/2	28.58		
2 3/4	34.45		
3	41.34		
3 1/4	48.36		
3 1/2	55.77		
4	74.11		
4 1/2	93.50		
5	115.10		
5 1/2	139.00		
6	165.10		
6 1/2	193.40		
7	204.30		
8	292.00		

  

Mechanical Properties	
Property	Value
0.2% Proof Strength	170 N/mm <sup>2</sup>
Tensile Strength	310 N/mm <sup>2</sup>
Elongation	4%
Hardness	85 HB

  

Physical Properties	
Property	Value
Density	8.70 Kg/m <sup>3</sup>

## Disclaimer

This data is indicative only and as such is not to be relied upon in place of the full specification. In particular, mechanical property requirements vary widely with temper, product and product dimensions. All information is based on our present knowledge and is given in good faith. No liability will be accepted by the Company in respect of any action taken by any third party in reliance thereon.

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