



PRODUCT INFORMATION

**SIFPHOSPHOR BRONZE
No 82**

EN 14640 Cu 5410 (CuSn12P),
BS: 2901 C27

DESCRIPTION

Phosphor bronze rod with 12% Tin, for improved colour match on brass and bronze.

WELDING POSITIONS



Suitable for use in the ship building and offshore industries, heating and ventilation and the repair and maintenance industries. Also useful for boilermakers, and sculpture makers and repairers.

TYPICAL WELD METAL COMPOSITION

Sn	12 %
P	0.2 %
Cu	Bal

TYPICAL MECHANICAL PROPERTIES

Melting Point	850-1000°C
Ult Tensile Strength	320 N/mm ²
Hardness	120

MATERIAL TO BE WELDED

Can be used on copper alloys and bronze. It offers excellent colour match on bronze, and is suitable for the welding of dissimilar joints of any combination, with the exception of aluminium.

AVAILABLE FORMATS

1M ROD (TIG / GTAW)			
Dia	1kg Pkt	2.5kg Ctn	5.0kg Ctn
1.6mm	RO821601	RO821625	RO821650
2.4mm	RO822401	RO822425	RO822450

TIG Process	
Current:	DC =+
Amps:	40-180
Gas Welding	
Oxy Acetylene	

For further information, contact Weldability | Sif technical support on **0870 330 7757** or email service@weldability-sif.com

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