



## TIG C1

### Features and Applications

- Easy flowing high quality copper rod for fusion welding of deoxidised copper components. The rod contains essential deoxidising elements in addition to a percentage of silver – giving a weld free from porosity and copper oxide inclusions
- Brewing, power generation and shipbuilding industries

### Standards

AWS : RCu

EN 14640 Cu 1897 (Cu Ag1)

BS 1453 C1

### Mechanical Properties

Melting Point °C	1050
UTS N/mm <sup>2</sup>	200
Hardness BHN	75

### Chemical Composition

Cu	Ag
99.0	1.00

### Welding Positions



### Current Type

DC-

### Shielding Gas

Pure Argon

### Manufacturer's Approvals

TUV

### Product Information

5.0kg Tube

Diameter	Part No.
1.6mm	7135
2.4mm	7136
3.2mm	7137

## TIG C11

### Features and Applications

- Phosphor bronze rod containing 7% tin, produced for fusion welding phosphor bronze castings where a good colour match is required and for building up worn bearing surfaces. Also ideal for TIG brazing and welding dissimilar joints
- Shipbuilding, processing industry, artistic foundries

### Standards

AWS : A5.7 ER Cu Sn - c

EN14640 Cu5180 (Cu Sn 6P)

BS 2901 C11

### Mechanical Properties

Melting Point °C	930
UTS N/mm <sup>2</sup>	260
Hardness BHN	80

### Chemical Composition

Cu	Sn
93.0	7.00

### Welding Positions



### Current Type

DC-

### Shielding Gas

Pure Argon

### Manufacturer's Approvals

TUV

### Product Information

5.0kg Tube

Diameter	Part No.
1.2mm	7139
1.6mm	7140
2.4mm	7141
3.2mm	7142