

**Standards**

|                 |                |
|-----------------|----------------|
| TS EN ISO 17672 | : ~ Cu 565     |
| EN ISO 17672    | : ~ Cu 565     |
| AWS A5.7        | : ~ ER CuAl-A1 |

**Chemical Composition of  
Weld Metal % (Typical)**

| Al     | Fe      | Mn   | Ni   | Cu   |
|--------|---------|------|------|------|
| 7.5-10 | 0.5-1.5 | <1.0 | <1.0 | Rest |

**Mechanical Properties**


| Melting Range<br>(°C) | Density<br>(kg/dm <sup>3</sup> ) | Tensile<br>Strength<br>(N/mm <sup>2</sup> ) | Elongation<br>((L <sub>0</sub> =5d <sub>0</sub> ) (%)) | Hardness<br>(HB) |
|-----------------------|----------------------------------|---|--|------------------|
| 1030 - 1040           | 7.5                              | 580   | 20   | 130              |

**Features and Applications**

- Weld metal is resistance to sea water, corrosion and cavitation
- Used in joining of steels, copper to copper alloys
- Resistant to deformation at elevated temperatures and corrosion resistant for armouring parts of machinery
- Applications include propellers, thrust plates, picking bails
- Shielding Gas for TIG Welding: Ar.

**Welding Method**

Gas Welding - TIG Welding

| Current Type | MIG Wire  | Electrode       | Welding Positions   |
|--------------|-----------|-----------------|---|
| TIG D.C.(-)  | Geka R1 L | GeKaTec Cu-WELD |  |

**Operating Data**

| Product Code | Diameter x Length<br>(mm) / (inch) |            | Package Weight<br>(Kg) |
|--------------|------------------------------------|------------|------------------------|
| 6031100387   | 2.0 x 1000                         | 5/64 x 39" | 5                      |

**Approvals:** SEPRO