



TDS Sheet - C-Line Flux coated silver solder 2mm AG-30. Tube a 500gr IMPA 850462

Technical Parameters for a 30%silver solder rod:

Technical Data Sheet(TDS)

- Chemical Composition

Element	Ag	Cu	Zn	Others
Composition	30	28	21	21

- Form:Rod
- Packaging: in straight lengths,with various diameters available(e.g.,1.0mm,1.5mm,2.0mm)

Melting Temperature

- Melting Range:Approximately 670°C-710°C(1238°F-1310°F)

Mechanical Properties

- Tensile Strength:Approximately 200-250 MPa

- Yield Strength: Around 150-200 MPa
- Elongation: 10-15%

Other Properties

- Density: Approximately 8.5 g/cm³
- Color: Silver-Blue
- Odor: None
- Solubility in Water: Insoluble
- pH: Not applicable

Application

- Typical Uses: General-purpose soldering for electrical, plumbing, and metalworking applications where a strong, corrosion-resistant joint is required.
- Joint Strength: Provides strong and durable joints suitable for various materials, including copper, brass, and stainless steel.

Safety and Handling

- Storage: Store in a cool, dry place away from incompatible materials. Keep container tightly closed.
- Handling: Use in a well-ventilated area. Avoid inhalation of fumes. Wear appropriate personal protective equipment (PPE), including gloves, goggles, and a dust mask.

Disposal

- Disposal Method:Dispose of in accordance with local regulations.Recycle or dispose of in a designated waste facility.

Regulatory Compliance

- RoHS Compliance:Yes
- REACH Compliance:Yes

Notes

- Always follow the manufacturer's instructions and safety guidelines when using this product.For more detailed information,refer to the Material Safety Data Sheet(MSDS)provided by the manufacturer.

Contact

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