

## TECHNICAL DATA SHEET

**Brazing alloys, Cadmium Free**

**TINALLOY 50**

**EN ISO 17672:2016**

**AWS A5.8-92**

ISO 9453: S-Sn95Ag5

**ISO 3677:1997**

**DIN 8513**

**(EN 1044:1999)**

**Nominal Composition [%]**

Al	Cu	Zn	Sn	Si	Mn	Ni
	-	-	95		-	-

**Technical Data**

**Melting Point** 220-240°C

**Working Temperature**

**Density** 7,5

**Tensile strength**

**Elongation**

**Electrical Conductivity** 7,5 m/? mm<sup>2</sup>

**Applications**

Tin-based brazing alloy without lead and antimony with good characteristics of fluidity, capillarity and mechanical resistance. Suitable for plumbing copper pipes with fittings for drinking water lines. The most widespread applications are in the electrical and plumbing-installers industry

**Suggested Flux**

TINFLUX

**Base Metals**

Copper, copper alloys, steel, nickel and nickel alloys

**Heat Sources**

Flame / Induction / Resistance

Bare rods	Fluxcoated	Wire < Ø 1,0	Wire > Ø 1,0	Foil	Preforms	Paste
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>