TERNALLOY 56

Nominal Composition [%]	Ag 56; Cu 22; Zn 17; Sn 5
Impurity max. %	Al 0,001; Bi 0,030; P 0,008; Pb 0,025; Cd 0,01
Total of all impurities [%]	0,15

International Specification

EN ISO 17672:2016	Ag 156	*DIN 8513*	*(L-Ag55Sn)*
AWS A5.8-92	B Ag-7	*(EN 1044:1999)*	*(AG 102)*
ISO 3677:1992			

SaldFlux Specification (SF)

SF	-

Technical Data

Melting Point	c.a. 620 - 655 °C
Working Temperature	c.a. 650 °C
Density	c.a. 9.5 g/cm3
	430 Mpa
Elongation	25 %
Electrycal Conductivity	approx. 7,0 m/? mm2

Available Forms

Wire: from Ø 0,5 mm to Ø 5,0 mm.
Bare Rods: from Ø 0,7 mm to Ø 3,0 mm.
Strip/Foils: from 0,1 mm to Ø 0.4 mm (Thickness) - from 2 to 40 mm (width).
Preforms: upon request according to customer specification.

Applications

The Ternalloy 56 is a low melting silver based alloy. It has a very good flowing. It can be used for steel, copper and copper alloys, nickel and nickel alloys. It can be use with flame. Application: Silverware and Jewellery; medical System and precision instruments; electrical industry.

Base Metals

Any steel, copper and copper alloys, nickel and nickel alloys