SALDFLUX™ www.saldflux.com

TECHNICAL DATA SHEET

Brazing alloys, Cadmium Free — TINALLOY 35

EN ISO 17672:2016 -
AWS A5.8-92
ISO 3677:1997 S-Sn96,5Ag3,5
DIN 8513
(EN 1044:1999)

Nominal Composition [%]

Al	Cu	Zn	Sn	Si	Mn	Ni
	-	-	96,5		-	-

Technical Data

Melting Point 221 °C
Working Temperature c.a. 221 °C
Density 7,3 gr/cm3
Tensile strength S235: 25 MPa; with Cu
Elongation
Electrycal Conductivity 7,5 m/? mm²

Applications

Tinalloy 35 is a soft solder free of Antimony and Lead with excellent flow characteristics. Typical applications are found e.g. in the electric industry, food industry and sanitary industry.

Suggested Flux

Tinflux

Base Metals

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

Heat Sources

Flame, induction heating, resistance heating and soldering iron.

Bare rods	Fluxcoated	Wire < Ø 1,0	Wire > Ø 1,0	Foil	Preforms	Paste
-	-	-	X	-	0	X

Our information about our products and equipment as well as our systems and procedures are based on comprehensive research and application technological experience. We communicate these results, but take no liability for respective single contracts that are exceeding thereof. We reserve the right to make technical changes in the process of product development in spoken and written terms to the best of our knowledge. Only as an exception do we give guarantees for appearance and workmanship or durability that has been specifically documented in an individual contract. Furthermore, our application technology services are available at your convenience for more detailed consultation such as the involvement in solving manufacturing and application technology problems. This does not however, release the user from their own responsibility for checking the input and recommendations we give for their own use prior to using that input or recommendation. This is especially applicable for foreign deliveries. This also applies to the trade mark rights of third parties, for applications and procedures that are not specifically given by us. In the event of damage or loss our liability is limited to indemnification of the same admeasurements as is foreseen in our general terms of sales and delivery in reference to deficiencies in quality.