

TECHNICAL DATA

Standards

DIN Material Nr. N.A.

DIN EN 29453 :	Sn97Cu3
ASTM B32 :	Sn97Cu3

General Properties

DSI M Sn97Cu3 is a lead free solder alloy composed of 97% tin (Sn) and 3% Copper (Cu). It is commonly used in industrial applications due to its good mechanical strength, durability and corrosion resistance.

Mechanical Properties

Tensile strength R _m	[MPa] / [N/mm ²]	35 - 45
Hardness	[HB]	11 - 15

Chemical Composition (Standard Values in %)

Sn (Tin)	Cu (Copper)
97 (%)	3%

Field of Applications

Babbit bearing repair / Heavy-duty soldering / Motors / Industrial Sensors
High temperature soldering in aerospace electronics / Automotive electronic comp.

Packaging and available Sizes*

Spool :	Ø mm	1.6
Rod : 500 / 1000 mm	Ø mm	- -

* Other dimensions available on request

wires@dsilaser.com

