

## MATERIAL SAFETY DATA SHEET

**PRODUCT NAME** – ALFA310Sn

**COMPOSITION (%)**

SILVER	COPPER	ZINC	TIN
55	21	22	2

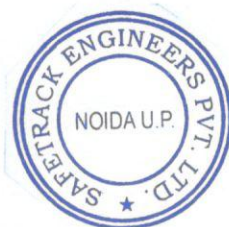
**CORRESPONDING STANDARD** – L-Ag55Sn as per DIN 8513

**MELTING RANGE** - 630°C - 660°C

**TENSILE STRENGTH** – 44 Kg/mm<sup>2</sup>

**DENSITY** – 9.4 g/cm<sup>3</sup>

**DESCRIPTION**



It is a general purpose brazing alloy, suitable to join easily a wide range of ferrous and non-ferrous base materials (steel, copper, brass etc.). This alloy is very free flowing, ductile and strong. It does not contain Cadmium, do not present the Health and Safety concerns associated with Cadmium Bearing Alloys and are compliant with RoHS regulation. Tin is being used to lower the melting temperature of the alloy.

**CHARACTERISTICS MAKE-UP**

<b>BARE RODS</b>	Ø: 0.50mm – 4.00mm	Length: 500mm – 1000mm
<b>FLUX COATED RODS</b>	Ø: 1.50mm – 2mm – 3mm	Length: 500mm
<b>WIRES</b>	Ø: 0.25 – 3.00mm	Coils and Spools
<b>STRIPS</b>	Thickness: 0.10mm – 1mm	Width: 2.00mm – 75mm
<b>POWDER AND PASTE</b>	RINGS	PREFORMS FROM WIRES AND FROM STRIPS

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