


## TECHNICAL DATA SHEET

	TDS No.	Date : 16/09/2021
1	NAME OF CUSTOMER :	SHIRDI SAI ELECTRICALS
2	PRODUCT	ALUMINIUM COIL
3	END APPLICATION	TRANSFORMER WINDING
4	PRODUCT SPECIFICATIONS	0.6 mm x 330 mm , 0.7 mm x 440 mm , 0.8 mm x 670 mm
5	ALLOY	AA1060
6	TEMPER	O
7	DIMENSIONS & TOLERANCE	
a)	THICKNESS TOLERANCE(mm)	+/- 0.02 mm [Thickness: 0.6 mm , 0.7 mm] ✓ - 0 / + 0.04 mm [Thickness: 0.8 mm] ✓
b)	WIDTH TOLERANCE(mm)	+/- 0.5 mm [Width: Up to 500 mm] +/- 1 mm [Width: >500 mm to 1220 mm]
8	COIL DIAMETER	
a)	Internal Diameter of coil (mm)	508 mm
b)	Type of core	Paper Core
c)	Maximum Outer Diameter of coil (mm)	800 mm
9 a)	Coil Weight (Min/Max)	As per PO
b)	Coil Build up	Uniform. Not telescopic more than 2 mm
10	Edge Burr (%)	Deburr edge
11	TENSILE STRENGTH (MPa)	55 - 95 MPa
12	Elongation %	Minimum 25%
13	Electrical Conductivity(% of IACS at 20°C)	Minimum 61.8%
14	Anodizing	No
15	Powder coating	No
16	Bending	90° Pass
17	Chemical Composition	As per IS 737:2008 Al - 99.6 (Min), Si - 0.25, Fe - 0.35, Cu - 0.05, Mn - 0.03, Zn - 0.06
18	Surface Finish	Free from any surface defects
19	Edges	Deburr edge
20	PACKING REQUIREMENTS	PALLET + HDPE PACKING
21	INTERLEAVING	NO
22	MASKING	NO
23	MOQ	3 MT each thickness
		ACCEPTED
For _____		Process review Committee
Name & Designation of Customer Rep.		

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ON LEAVE