



TECHNICAL DATA SHEET

	TDS No.	Date : 18/06/2021
1	NAME OF CUSTOMER :	SHILCHAR TECHNOLOGIES LIMITED
2	PRODUCT	ALUMINIUM COIL
3	END APPLICATION	TRANSFORMER WINDING
4	PRODUCT SPECIFICATIONS	1.15 MM x 605 MM, 1.3 MM X 595 MM
5	ALLOY	AA1060
6	TEMPER	'O'
7	DIMENSIONS & TOLERANCE	
a)	THICKNESS (mm)	No negative tolerance, + 60 mic at positive side max
b)	WIDTH (mm)	No negative tolerance, + 2 mm at positive side max
8	COIL DIAMETER	
a)	Internal Diameter of coil (mm)	508
b)	Type of core	Paper core
c)	Maximum Outer Diameter of coil (mm)	As per Coil weight
9 a)	Coil Weight (Min./Max)	For 595 mm Width : 510 kg (Tol: +5%) For 605 mm Width : 347kg (Tol: +5%) <i>as per mail by Customer</i>
b)	Coil Build up	Uniform
10	Edge Burr (%)	Maximum 3%
11	Anodizing	No
12	Bending	90° Pass
13	TENSILE STRENGTH (MPa)	55 - 95 Mpa
14	Elongation %	29% Minimum
15	Electrical Conductivity (% of IACS at 20° C)	61.5% Minimum
16	Chemical Composition	As per IS:737 : 2008
17	Surface Finish	Mill finish
18	Edges	Trimmed
19	PACKING REQUIREMENTS	WOODEN PALLET + HDPE
20	Special requirements	No scratches, No stains, Burr free material required
	For _____	ACCEPTED
		PROCESS REVIEW COMMITTEE
		
	Name & Designation of Customer Rep.	Yeduru Village, SD Bankur Road Dabbaspet, Bangalore-562 111 PH: 080-27735051-27735003