


TECHNICAL DATA SHEET

	TDS No.	Date : 14/06/2021
1	NAME OF CUSTOMER :	MARSON'S ELECTRICAL INDUSTRIES
2	PRODUCT	ALUMINIUM COIL
3	END APPLICATION	TRANSFORMER WINDING (Low Voltage Winding)
4	PRODUCT SPECIFICATIONS	2.55 MM, 2.85MM X 770, 890 MM (2.55 x 890 mm) 2.85 x 770 mm
5	ALLOY	AA1060 Soft
6	TEMPER	'O'
7	DIMENSIONS & TOLERANCE	
a)	THICKNESS (mm)	2.55 mm, 2.85 mm (Tol: +/- 0.05 mm)
b)	WIDTH (mm)	770 mm, 890 mm (Tol: +/- 1.00 mm)
8	COIL DIAMETER	
a)	Internal Diameter of coil (mm)	508 450 To 500 mm
b)	Type of core	No Core
c)	Maximum Outer Diameter of coil (mm)	
9 a)	Coil Weight (Min./Max)	For 770 mm Width : 1150 kg (Tol: +3%) - Approx 1000 kg For 890 mm Width : 1000 kg (Tol: +3%) - etc
b)	Coil Build up	Uniform
10	Edge Burr (%)	Maximum 3%
11	TENSILE STRENGTH (MPa)	55 - 95 Mpa
12	Elongation %	32% Minimum
13	Electrical Conductivity (% of IACS at 20° C)	61.5% Minimum
14	Chemical Composition	As per IS:737
15	Surface Finish	Free from any surface defects
16	Edges	Trimmed
17	PACKING REQUIREMENTS	PALLET + HDPE PACKING+BELLY PROTECTOR
		ACCEPTED
For _____		PROCESS REVIEW COMMITTEE
Name & Designation of Customer Rep.		 JINDAL ALUMINIUM LIMITED (Winding Mill Division) K. A. D. B. Industrial Area Yedahalli Village, Tumkur Road Dabbaspet, Bengaluru - 562 111 Ph: 080-27735051-277457



14/6/21