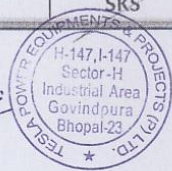
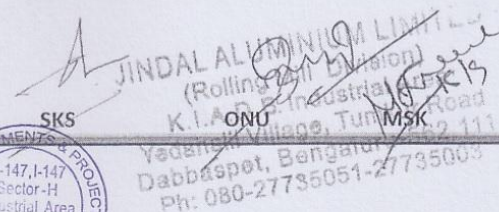


TECHNICAL DATA SHEET

TDS No.	Date: 17/09/2021
Customer Name	TESLA TRANSFORMER INDIA LTD <i>Tesla Power Equipments and Projects Pvt. Ltd.</i>
Product	Aluminium Coil
End Application	Transformer Winding
Specification	
Thickness	1 to 2 mm
Width	500 to 1000 mm
Length	N/A
Alloy	1060
Temper	'O' / Soft
Coil Core	
1. Core ID	508 mm
2. Core Type	MS Core [Thickness: Less than 1.2 mm] No Core [Thickness: >1.2 to 2 mm]
3. Coil Build-Up	Uniform. Not Telescopic more than 2 mm.
4. Edge Burr	Maximum 3%
5. Edge type	Deburr edge [Thickness: Less than 1 mm] Right-angled edge [Thickness: > 1 mm]
6. Anodizing & Powder coating	No
Aluminium Tolerances in mm, if not critical JAL will supply as per IS standard	
1. Thickness tolerance	+/- 0.03 mm [Thickness: 1.00 to 1.2 mm] +/- 0.04 mm [Thickness: >1.2 to 1.8 mm] ✓ +/-0.05 mm [Thickness: >1.8 to 2.0 mm]
2. Width tolerance	No negative width. At positive side +2mm maximum.
3. Quantity tolerances	+10% of Actual order quantity.
Aluminium Coil mechanical properties	
Tensile strength	55 -95 MPa
Elongation	Minimum: 29%
Bending	90° Pass
Electrical Conductivity (% of IACS at 20°C)	Minimum 61.5%
Aluminium Coil Packing	
Coil weight	As per AO/PO
Packing type	HDPE + Wooden Pallet
Surface	Free from surface defects. 'O' Temper mill finish
Manufacturing Standard	As per IS 737 - 2008
Special Requirement (If any)	No scratches, no stains, no pits / dent marks allowed in material. No negative tolerance in each coil weight [-0 / +10%]
For _____	
Name & Designation of Customer Rep.	

RNS on 15/09/21