

## TECHNICAL DATA SHEET

	TDS No.	Date : 12/07/2021
1	NAME OF CUSTOMER :	KAPURTHALA COACH ENGG CO
2	PRODUCT	ALUMINIUM SHEET
3	END APPLICATION	Railway Component - Ducting, Panel and other fabrication items
4	PRODUCT SPECIFICATIONS	1 mm to 4 mm x 900 mm to 1525 mm x 1500 to 3000 mm
5	ALLOY	31000
6	TEMPER	H2
7	CHEMICAL COMPOSITION	As per IS 737:2008
8	TOLERANCES	
a)	THICKNESS TOLERANCE (mm)	1 mm to 1.4 mm (Tolerance: +/- 0.03 mm) ✓ 1.41 mm to 2 mm (Tolerance: +/- 0.05 mm) ✓ 2.01 mm to 3 mm (Tolerance: +/- 0.06 mm) ✓ 3.01 mm to 4 mm (Tolerance: +/- 0.08 mm) ✓
b)	WIDTH TOLERANCE (mm)	900 mm to 1220 mm (Tolerance: +/- 1 mm) ✓ 1221 mm to 1525 mm (Tolerance: - 1 / + 2 mm) ✓
c)	LENGTH TOLERANCE (mm)	1500 mm to 2440 mm (Tolerance: +/- 3 mm) ✓ 2441 mm to 3000 mm (Tolerance: -3 / +5 mm) ✓
9	ANODIZING	NO
10	POWDER COATING/PAINTING	NO
11	TENSILE STRENGTH	140-180 MPa
12	Elongation(%)	Minimum 3 %
13	Bending	90° pass (Cross) (1 T)
14	Surface Finish	Smooth, flat and good surface finish without any pit, dent, black, white spot & scratches
15	Edges	Trimmed
16	Packing Requirements	As per PO
17	Special Requirements	Bending quality / Welding quality & suitable for making railway component - Ducting, panel & other fabrication items

**For Kapurthala Coach Engg. Co.**

**Authorised Signature**

Name & Designation of Customer Rep.

ACCEPTED

Process review Committee

**JINDAL ALUMINIUM LIMITED**

(Rolling Mill Division)

K.I.A.D.B. Industrial Area

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