

TECHNICAL DATA SHEET	
TDS No. :	Date : 19/08/2021
1	NAME OF CUSTOMER : PD STEELS (P00156) & AMIT ENGINEERS (A00316)
2	PRODUCT ALUMINIUM SHEET
3	END APPLICATION Railway component - Ducting, Panels, etc
4	PRODUCT SPECIFICATIONS 0.9 mm to 4 mm x 1220 mm to 1525 mm x 1660 to 6000 mm
5	ALLOY 31000
6	TEMPER H2 / H14
7	CHEMICAL COMPOSITION As per IS 737:2008
8	TOLERANCES
a)	THICKNESS TOLERANCE (mm) 0.9/1/1.5/2/2.5/3/4 etc. +0 /- 0.06 mm [Thickness: >0.90 to 1.4 mm] +0 /- 0.1 mm [Thickness: >1.4 mm to 2 mm] +0 /- 0.12 mm [Thickness: >2 mm to 3mm] +0 /- 0.16 mm [Thickness: >3 mm to 4 mm] [NO POSITIVE THICKNESS TOLERANCE]
b)	WIDTH TOLERANCE (mm) 1220/1250/1300/1330/1350mm etc. Tolerance: +/- 1 mm [Width upto 1220 mm] +/- 2 mm [Width above 1220 mm]
c)	LENGTH TOLERANCE (mm) 1530/1550/1830/1850/2440/2500/3400/3800/4000 mm etc. +/- 2 mm [Length: Up to 1220 mm] +/- 3 mm [Length: >1220 to 3000 mm] +5/-3 mm [Length: Over 3000 mm]
9	ANODIZING NO
10	POWDER COATING/PAINTING NO
11	TENSILE STRENGTH 140 - 180 Mpa [For all thickness]
12	Elongation(%) Minimum 4% [Thickness: Up to 1.3 mm] Minimum 5% [Thickness: Over 1.3 mm]
13	Bending 90° pass [Cross] [1T] [Thickness: Up to 3 mm] 90° pass [Cross] [2 T] [Thickness: Over 3 mm]
14	Bundle Weight 250 kg
15	Surface Finish Smooth, Flat and good surface finish without any pit/dent/black spots/white spots and scratches
16	Edges Fine/Trimmed/Right angle edge
17	Packing Requirements Standard sheet HDPE + pallet packing
18	Special Requirements Bending quality, Welding quality and suitable for making railway components - Ducting, panels, etc
For	ACCEPTED Process review Committee
For PD STEELS	<i>[Signature]</i>
Auth. Signatory	<i>[Signature]</i>
Name & Designation of Customer Rep.	<i>[Signature]</i>

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