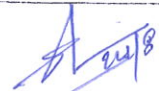





TECHNICAL DATA SHEET

	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	19000
6	TEMPER	H2 / H14
7	CHEMICAL COMPOSITION	As per IS 737:2008
8	TOLERANCES	
a)	THICKNESS TOLERANCE (mm)	0.9/1/1.5/2/2.5/3/3.5/4 mm 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)	1220/1250/1300/1330/1350 mm etc. Tolerance: +/- 1 mm [Width upto 1220 mm] +/- 2 mm [Width above 1220 mm]
c)	LENGTH TOLERANCE (mm)	1660/1690/2155/2230/3330/4000 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	105 - 140 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] [1.5 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 PD STEELS	ACCEPTED
	Auth. Signatory	Process review Committee
	Name & Designation of Customer Rep.	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  SKS </div> <div style="text-align: center;">  ONU </div> <div style="text-align: center;">  MSK </div> <div style="text-align: center;">  BMS </div> </div>

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