

TECHNICAL DATA SHEET

Sr. No.	TDS No.	Date : 29/08/2020
1	NAME OF CUSTOMER :	P.D.STEELS (P00156) & AMIT ENGINEERS (A00316) , PANCHKULA (HARYANA)
2	PRODUCT	Aluminium Sheet
3	END APPLICATION	Railway component - Ducting, panel etc
4	ALLOY	31000
5	TEMPER	H2
6	CHEMICAL COMPOSITION	Si-0.6(Max), Fe-0.7 (Max), Cu-0.1(Max), Mn-0.8 - 1.5 , Mg- 0.1(Max) , Cr-0.2 (Max) , Zn-0.2(Max) , Ti-0.2 (Max) , Al-Remainder
7	DIMENSIONS & TOLERANCE	
a)	THICKNESS (mm)	1.00 /1.5/2.0/2.5/3.00/4.00 etc. -(Tolrance : 1 mm +0/-0.030 mm, 1.5 to 2.5 mm +0/-0.050 mm , 3 to 4 mm +0/-0.1 mm)
b)	WIDTH (mm)	1300/1330/1350/1220/1250mm etc. - (Tolrance: +/- 1 mm , > 1350: +/- 2 mm)
c)	Length (mm)	1830/1850/1530/1550/2440/2500/3400/3800/4000mm etc -(Tolrance : +/- 2 mm upto 1220mm, +/- 3mm for 1220-3000mm & +5mm/-3mm for above 3000 mm)
d)	Dia(mm) - FOR CIRCLE	N/A
8	COIL DIAMETER	N/A
a)	Internal Diameter of coil (mm)	N/A
b)	Maximum Outer Diameter of coil (mm)	N/A
9 a)	Coil Weight (Min./Max)	250 kg bundle weight
b)	Coil Build up	N/A
10	TENSILE STRENGTH	130 to 180 Mpa (As per last supply: 1 TO 2 mm 165 TO 170 Mpa, 2.5 to 4 mm - 150 TO 165 Mpa),
11	Elongation	Min 4 to 5 % (As per last supply: ≥ 7 % for 1 to 2 mm , ≥ 12% for 2.5 to 4 mm)
12	Resistivity	NA
13	Surface Finish	SMOOTH, FLAT & GOOD SURFACE FINISH WITHOUT ANY PIT/DENT/BLACK/WHITE SPOT & SCRATCHES
14	Edges	FINE
15	SPECIAL PACKING REQUIREMENTS	Standard HDPE Packing Charge.
16	SPECIAL REQUIREMENT	BENDING QUALITY /WELDING QUALITY & SUITABLE FOR MAKING RAILWAY COMPONENT - DUCTING, PANEL etc. Thickness required ine negative tolerance 90° Cross bending should pass

For *PD Steels*
P. D. STEELS
 Name & Designation of Customer Rep.

ACCEPTED *[Signature]*
 For Jindal Aluminium Limited (Rolling Div.)

R. Krishna Prasad
 DGM - QA
 Name & Designation

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 (Rolling & Extrusion Division)
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