

TECHNICAL DATA SHEET

	TDS No.	Date : 29.08.2020
1	NAME OF CUSTOMER :	APAR INDUSTRIES LIMITED
2	PRODUCT	Aluminium Coil
3	END APPLICATION	Cable
	PRODUCT SPECIFICATIONS	2.1 x 220 mm , 2 x 285 mm , 2.1 x 235 mm , 0.48 x 50 mm ,
4	ALLOY	1060
5	TEMPER	O
6	DIMENSIONS & TOLERANCE	
a)	THICKNESS (mm)	2.1 , 2 mm (Tolerance: + 0.05 MM / - 0) , 0.48 mm (Tolerance : 0.46 to 0.49 mm)
b)	WIDTH (mm)	220 , 285 , 235 mm , 50 mm (Tolerance: + /- 0.5 mm)
c)	Length (mm)	NA
7	COIL DIAMETER	
a)	Internal Diameter of coil (mm)	508 for 2.1 , 2 mm & 152 for 0.48 mm
b)	Maximum Outer Diameter of coil (mm)	1400 for 2.1 , 2 mm & 500 for 0.48 mm
8 a)	Coil Weight (Min./Max)	As per PO
b)	Coil Build up	As per OD
9	TENSILE STRENGTH	Max 95 Mpa
10	Elongation	Min 33 %
11	Conductivity	≥ 61.5 at 20°C % IACS
12	Chemical Composition	Si-0.25 (Max) , Fe-0.35(Max), Cu-0.05 (Max), Mn-0.03(Max), Mg- trace , Cr-trace, Zn-0.06 (Max), Ti-trace, Al-99.6(Min)
13	Surface Finish	SMOOTH SURFACE WITHOUT ANY SURFACE DEFECT
14	Edges	FINE
15	SPECIAL PACKING REQUIREMENTS	AS PER PO- HDPE + PALLET PACKING
16	SPECIAL REQUIREMENT	Elongation (33 to 37 %) , Thickness tolerance + 0.06 mm / - 0 , For 0.48 mm tolerance 0.46 to 0.49 mm



For _____
RK PAWAR
 Sr. Deputy General Manager- Q.C
 APAR INDUSTRIES LIMITED
 Name & Designation of Customer Rep.

R. Krishna Prasad
 ACCEPTED
 For Jindal Aluminium Limited (Rolling Div.)
R. Krishna Prasad
 DG7-97
 Name & Designation