

TECHNICAL DATA SHEET

| TDS No.                                | Date : 29/08/2020   |
|--|---|
| 1 NAME OF CUSTOMER :                   | LOGOMOTIVE PVT.LTD. , KAPURTHALA (PUNJAB)   |
| 2 PRODUCT                              | Aluminum Sheet  |
| 3 END APPLICATION                      | Railway component - Ducting, panel etc  |
| <b>PRODUCT SPECIFICATIONS</b>          |   |
| 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)                      | 1.00/1.50/2.00/3.00/4.00mm etc. -(Tolerance : 1 mm +/-0.03 mm, 1.5 to 2 mm +/- 0.040 mm , 3 to 4 mm - +/-0.075 mm, Above 4 mm +/- 0.1 mm) |
| b) WIDTH (mm)                          | 1220/1250/1350 mm etc. - (Tolerance : +/- 1 mm , > 1350: +/- 2 mm)  |
| c) Length (mm)                         | 2440/2500/2100 mm etc -(Tolerance : Upto 1220 +/- 2 mm , 1220 to 2500 +/- 3 mm , > 2500 to 4000 +5 mm / - 3 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)            | As per P.O.   |
| 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        | As per P.O.   |
| 16 SPECIAL REQUIREMENT                 | BENDING QUALITY (CROSS BENDING 90°)/WELDING QUALITY & SUITABLE FOR MAKING RAILWAY COMPONENT - DUCTING, PANEL etc.                         |
| For Logomotive Pvt. Ltd.               | ACCEPTED <i>[Signature]</i>   |
| For <i>[Signature]</i>                 | For Jindal Aluminium Limited (Rolling Div.)   |
| (Sunit Kumar)<br>Accountant            | R. Krishna Prasad<br>DGM - QA   |
| Name & Designation of Customer Rep.    | Name & Designation  |