

TECHNICAL DATA SHEET

TDS No.

Date : 29/08/2020

1 NAME OF CUSTOMER : METAFIL,MANESAR (HARYANA)

2 PRODUCT Aluminium Sheet

3 END APPLICATION Fabrication/ Frame/Boxes

PRODUCT SPECIFICATIONS

4 ALLOY 3003

5 TEMPER H14

6 CHEMICAL COMPOSITION Si-0.6(Max), Fe-0.7 (Max), Cu- 0.05 - 0.2, Mn-1 - 1.5 , Mg- 0.1(Max) , Cr-trace , Zn- 0.1(Max) , Ti-trace , Al-Remainder

7 DIMENSIONS & TOLERANCE

a) THICKNESS (mm) 1.00mm-5.00 mm (Tolerance : 1 mm +/-0.03 mm , above 1 mm upto 2 mm +/-0.04 mm , above 2 mm upto 3 mm +/- 0.05 mm , above 3mm upto 4 mm +/-0.075 mm , Above 4 mm upto 5 mm +/- 0.1 mm)

b) WIDTH (mm) 1220/1250/1000/1500 mm etc. - (Tolerance : +/- 1 mm , > 1350: +/- 2 mm)

c) Length (mm) 3020/2850/2440/2500/1900/2700/2850 mm etc(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 140 to 180MPa(As per last supply: 1 TO 2 mm 165 TO 170 Mpa, 2.5 to 4 mm - 150 TO 165 Mpa, )

11 Elongation Min 6 to 9 % (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 /WELDING QUALITY & SUITABLE FOR MAKING DIFFERENT TYPE OF FABRICATION ITEMS/FRAME/BOX.  
90° Cross bending should be pass

For METAFIL



NITIN GOYAL - AGM

Name & Designation of Customer Rep.

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

*[Signature]*  
DGM - *[Signature]*  
Name & Designation

JINDAL ALUMINIUM LTD

(Rolling & Extrusion Division)

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