

Material requirement data sheet for Aluminium Coil

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| TDS No. | Date: 09/02/2021 |
| Customer Name | Medha Servo Drives Pvt Ltd |
| Product | 1.25 mm Aluminium Coil |
| End Application | For transformer coil winding |
| Material specification | |
| Thickness | 1.25 mm |
| Width | 260 mm |
| Alloy | 19600 |
| Temper | Soft |
| Core ID (With Aluminium Core, Cardboard core, without core) | 500 mm |
| Weight per coil | 200 - 250 kg |
| Material process | |
| 1. Bending | Yes |
| 2. Punching | No |
| 3. Powder Coating | No |
| 4. Anodizing | No |
| 5. Welding | |
| Aluminium Coil finish | |
| 1. Flat material | Yes |
| 2. Burr height | 0.03 mm maximum 3% of thickness [3% of 1.25mm] |
| Aluminium coil Tolerances in MM, if not critical JAL will supply as per IS standard | |
| 1. Thickness tolerance | As per IS 2676 [± 0.080 mm] |
| 2. Width tolerance | As per IS 2676 [± 0.5 mm] |
| 3. Quantity tolerances | +/- 10% of Actual order quantity. |
| Aluminium coil mechanical properties | |
| Tensile strength | <= 95 mpa as per IS 737 |
| Elongation | >25% as per IS 737 |
| Resistivity (Max) | |
| Conductivity (Min) | 61.50% IACS as per IS 5484 |
| Aluminium coil Packing | |
| Bundle Weight | 200 - 250 kg |
| Packing type | Wooden Pallet packing |
| Surface | Free from cracks, dent mark, Pit mark, oil & Scratch mark. |
| Special requirement, if any | |
| For _____ | For Jindal Aluminium Limited (Rolling Div.) |
| Name & Designation of Customer Rep. | Name & Designation :- J. Sesh Babu |

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