

schedule of Guaranteed Technical Particulars

for
Super Enameled Aluminum winding wire

Name of firm-

Sl. No.	Name of Material	Size
1	Super Enameled Aluminium winding wire of various sizes	1.32 mm
2		1.40 mm
3		1.52 mm
4		1.62 mm
5		2.03 mm

Sl. No.	Particulars	Min Guaranteed Value As Per IS and TS	offered value
1	Tolerance on standard size	As per relevant IS	
2	Nominal Conductor diameter (bare)	As per relevant IS	
3	Minimum increase due to insulation	As per relevant IS	
4	Maximum Resistivity of Aluminium at 20°C	0.0280 ohm mm ² /m	
5	Elongation of Aluminium (min)	As per relevant IS	
6	Flexibility and adherence test	As per relevant IS	
	(i) Mandrel winding test	As per relevant IS	
	(ii) Stretching test	As per relevant IS	
	(iii) Jerk test	As per relevant IS	
7	Heat soak test	As per relevant IS	
8	Resistance to solvent test	As per relevant IS	
9	Break down voltage	As per relevant IS	
10	Checking of conductors declared weight.	As per relevant -TS	
11	Max Gross weight per reel for 1.32 mm to 2.03 mm size	18 Kg (approximate)	

Note :

1. The result shall cover all aspects of technical specification and relevant IS.
2. Each reel shall have the Name of manufacturer/supplier and details of Purchaser engraved/ embossed necessarily on it.
3. The conductor should remain at least half inch below the outer periphery of drum /reels so that the material is not damaged.