



CORPORATE STANDARD

AA 085 17 11

REV.No. 00

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ANNEXURE 1

TEST CERTIFICATE FORMAT (Clause 1)

1. Name of Varnish Manufacturer :
2. Type of Varnish :
3. PROPERTIES OF THE VARNISH
 - 3.1 Type of resin :
 - 3.2 Type of filler :
 - 3.3 Type of Solvent : Wt. %
 - 3.4 Water content in case of water thinnable varnish : Wt. %
 - 3.5 Solid content : Wt. % Vol. %
 - 3.6 Resin content : Wt.% w.r.t. solids
 - 3.7 Filler content : Wt.% w.r.t. solids
 - 3.8 Density of varnish : g/ml
 - 3.9 Viscosity as per DIN 53211 (4mm, 23°C) : s
 - 3.10 Flame point as per DIN 53213 : °C
4. PROPERTIES OF THE CURED VARNISH FILM AFTER PROCESSING, AS PER SPECIFICATION
 - 4.1 Surface weight of a 7 μ thick varnish layer (Dry weight) : g/m²
 - 4.2 Interlaminar resistance to ASTM A 717/IEC 404 (Franklin Method) : ohm-cm²
 - 4.3 Surface quality : %
 - 4.4 Thermal effect on coating : °C
 - 4.5 Influence on the punching quality of the sheet :
 - 4.6 Resistance to oil, organic solvents, water and ammonia. :
5. DATA OF THE VARNISH PROCESSOR:
 - 5.1 Name of the varnish processor :
 - 5.2 Mode of application :
 - 5.3 Drying temperature : °C
 - 5.4 The insulating varnish _____ supplied by _____ is used for our magnetic steel sheet insulation. The varnish is used without any change and as specified by the manufacturer

Date and Signature of the supplier

Note:

Any change in the composition of the varnish or individual substances shall be communicated to BHEL without delay.