



PRODUCT STANDARD
TME DIVISION, BHOPAL

TM 88095

TME 2011

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SPECIFICATION OF SYNTHETIC VARNISH (WSY285)

1. Scope

This specification describes Synthetic Varnish (WSY285) (hereafter abbreviated as varnish) to be used for adhesion and impregnation of coil.

2. Quality

Quality of this varnish is given in Table 1.

Table 1

No.	Item	Property
1.	Color	Amber
2.	Specific gravity (25°C)	0.94 ± 0.03
3.	Viscosity (25°C poise)	1.0 - 3.5
4.	Non volatile content (%)	45 ± 3
5.	Drying time on plate surface	< 2hrs at 135°C
6.	Film thickness covered on plate surface	Central part (mm)
		Lower part (%)
7.	Volume resistivity (Ω - cm)	Normal (25°C)
		Moistened (25°C)
8.	Dielectric strength (kV/0.1mm)	Normal (25°C)
		Moistened (25°C)
9.	Oil proofness	24hrs at 120°C
10.	Weight loss (%)	< 10, 72hrs at 175°C
11.	Thinner	S-30
12.	Shelf life (after mfg. date)	12 months at < 30°C

3. Package

Standard package of this varnish is following. (net wt.)

4kg, 16kg

5. This specification is equivalent to CLW specification no. A0205 rev 01.

Revision: 02 Table 1 modified	Distribution	Qty.	Approved: (M.Bhakta)		
Date: 27/09/2010	TME	1	Prepared:	Checked:	Date:
	TXM	1	Shishu pal	A.katdare	27/09/2010
	TNX	1	DE/TME	Mgr./TME	
	QMX	2			

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