

## BAWA B- TWO

BAWA B-TWO is an Alkyd Resin based baking impregnating Varnish of temp. Index 130

BAWA B-TWO is suitable for impregnation of fan stators. It has good flexibility, short curing schedule and good dielectric properties under humid conditions.

BAWA B-TWO can be applied by customary method of impregnation such as dipping or vacuum etc.

### Physical Properties

Colour & Appearance	Ruby red, clear liquid
Solid content (1.5g/130°C/2h)	45 ± 2%
Viscosity at 30°C (By ford cup B4)	40 – 60 Sec
Density at 25°C	0.950 (Typical)
Flash Point	30°C (Typical)
Recommend Thinner	Thinner BC

Recommended Curing: 120-130°C for 4h

(After the unit attains the specified temperature)

Short curing schedule may be used for small fan stators and stators cured in conveyerised plants.

### Curing Schedule

Drying in thin film	1h at 120°C	Tack free
Curing in considerable thickness 20g/120°C/4h	Top, Bottom, Inside	Smooth, Tack free, Soft rubber-like with few bubbles

### Typical Properties of Cured Varnish

Specimen Curing (4h at 120° C)	TEST AS PER IS 10026-2 /IEC464-2		
Flexibility (Mandrel Test)	3 mm mandrel		Passes
Dielectric strength	At RT 24h water immersion at RT	kV/mm	90 - 60
Volume resistivity (500 V D.C.)	At RT, 168h water immersion at RT	Ohm.cm	10 <sup>14</sup> - 10 <sup>13</sup>
Dielectric loss factor (30V/1 kHz)	At RT, At 130°C		0.015 - 0.120
Bond strength (Twisted Coil)	At RT, At 130°C	N	100 - 20

## BAWA POLYMERS

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