

BAWA FORM F

- BAWAFORM F is class-120 based on modified polyvinyl formal wire enamel and recommended for round and rectangular magnet wires.
- BAWAFORM F has been specially formulated have good flexibility
- It is suitable for die wiping only round wire 0.5mm to 5mm & upto 40sq.mm rectangular wire.

Physical Properties

Appearance	Pale Clear Liquid
Solid Content 1g/200°C/1h	26 ± 1%
* Viscosity (in cps)	2200-3300
Flash Point	40°C
Compatibility with thinner	1 : 1

* Viscosity by Brookfield (Viscometer) at 200C.

Mechanical Properties

Diameter of bare wire	1.0 mm
Build up of enamel	0.070 mm
Elongation	38%
Flexibility Mandrel Winding (10% pre-stretch 1xd)	OK
Jerk Test	OK
Peel Test (nxd)	175 - 185
Abrasion (Av) (Unidirectional)	12N

Thermal Properties

Heat Shock 1d/180°C/ 30min	OK
Cut Through 220°C / 2min	OK

Chemical Properties

Solvent Resistance	
Pencil Hardness	
Initial	5h
Std. Solvent	4h

Electrical Properties

Break Down Voltage kV	at RT	7.0
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Tan Delta

Bending Point °C (solid block)	130-140
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Please note that all above-mentioned values may be changed according to the machine.

RECOMMENDED THINNER	Thinner W/E	
PACKING:	BAWA FORM F Thinner PW/E	200 Kg in mild steel drums. 21 Kg in mild steel drums.
SHELF LIFE	One year from date of manufacturing if stored in sealed container (at room temperature 25°C).	

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