

BAWA 301

- BAWA 301.35. is a class 130 polyester wire enamel.
- BAWA 301.35 is suitable for Die & felt applications. On vertical as well as horizontal enamelling machines.
- Enamelled wire coated with BAWA 301.35 has excellent heat shock properties
- BAWA 301.35 can be processed over entire wire range from 0.05 to 2.0 mm wires.

Physical Properties

Appearance	Brown colour liquid
Solid Content 1g/180°C/1h	35 ± 1%
* Viscosity	90 - 120
Flash Point	40°C
Compatibility with thinner	1 : 1

* Viscosity by FORD Cup (B4) at 30c C in sec.

Mechanical Properties

Diameter of Bare wire	1.0 mm
Build up of enamel	0.070 mm
Elongation	36%
Flexibility Mandrel Winding (15% prestretch 1xd)	OK
Jerk Test	OK
Peel Test (nxd)	160 - 180
Abrasion (Av) (Unidirectional)	12N

Thermal Properties

Heat Shock 4d/180°C/ 30min	OK
Cut Through 280°C / 2min	OK

Chemical Properties

Solvent Resistance	
Pencil Hardness	
Initial	4h
Std. Solvent	3h

Electrical Properties

Break Down Voltage kV	at RT	9.5
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Tan Delta

Bending Point °C (solid block)	115 - 135
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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 301 .35 Thinner W/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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