

BAWA 502

- BAWA 502.35 is a class (130) polyester wire enamel.
- BAWA 502.35 is suitable for Die & felt applications
- BAWA 502.35 is suitable for wide range of wires 0.05-1.6 mm
- Enamelled wire coated with Bawa 502.35 has appealing Reddish Golden Colour

Physical Properties

Appearance	Reddish Golden Colour liquid
Solid Content	35 ± 1%
1g/180°C/1h	
* Viscosity	80 - 100
Flash Point	40°C
Compatibility with thinner	1 : 1

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

Mechanical Properties

Diameter of Bare wire	1.0 mm
Build up of enamel	0.070 mm
Elongation	35%
Flexibility Mandrel Winding (15% pre-stretch 1xd)	OK
Jerk Test	OK
Peel Test (nxd)	180 - 200
Abrasion (Av) (Unidirectional)	12N

Thermal Properties

Heat Shock 6d/180°C/ 30min	OK
Cut Through	
280°C / 2min	OK

Chemical Properties

Solvent Resistance	
Pencil Hardness	
Initial	2h
Std. Solvent	3h

Electrical Properties

Break Down Voltage kV	at RT	9.5
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Tan Delta

Bending Point °C (solid block)	110 - 125
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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 502.35 Thinner W/E	205 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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