

BAWA 216.36

- BAWA 216.36 is a class 130 polyester wire enamel.
- BAWA 216.36 is suitable for Die & felt applications on horizontal enamelling machines.
- BAWA 216.36 can be processed over entire wire range up to 1.0 mm wires.
- BAWA 216.36 is suitable for high speed enamelling machine up to VD 70

Physical Properties

Appearance	Brown colour liquid
Solid Content	35 ± 1%
1g/180°C/1h	
* Viscosity	50 - 65
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	0.500 mm
Build up of enamel	0.065 mm
Elongation	38%
Flexibility Mandrel Winding (15% pre-stretch 1xd)	OK
Jerk Test	OK
Peel Test (nxd)	NA
Abrasion (Av) (Unidirectional)	8.0N

Thermal Properties

Heat Shock 4d/180°C/ 30min	OK
Cut Through	
270°C / 2min	OK

Chemical Properties

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

Electrical Properties

Break Down Voltage kV	at RT	8.5
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Tan Delta

Bending Point °C (solid block)	100 - 110
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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 216.36 Thinner W/E	210 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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