

TECHNICAL DATA SHEET

BAWA 502 is polyester (CLASS 130)

PRODUCT DESCRIPTION

BAWA 502.35 is a class (130) polyester wire enamel. BAWA 502.35 is suitable for Die & felt applications. Enamelled wire coated with Bawa502.35 has appealing Reddish Golden Colour .

Physical / Mechanical PROPERTIES

Appearance	Reddish Golden Colour liquid .
Solid Content (1g/180°C/1h)	35±1%
Size mm	0.05-1.6mm
*Viscosity	80-100
Flash Point	40°
Compatibility with thinner	1:1
Diameter of Bare wire	1.0mm
Elongation	35%
Flexibility (Mandrel Winding 15% prestretch 1xd)	OK
Jerk Test	OK
Peel Test	180-200
Abrasion (AV)	12.N

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

THERMAL PROPERTIES

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

CHEMICAL PROPERTIES

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

ELECTRICAL PROPERTIES

Breakdown Voltage kV	at RT	9.5kv
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TANGENT 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	210 kg in mild steel drums.
SHELF LIFE	Thinner W/E	21 kg in mild steel drums.

One year from date of manufacturing if stored in sealed container (at room temperature 25°C).

DISCLAIMER

The values given in this technical data sheet are typical and are intended as a guide only. Actual performance may vary depending on processing conditions, equipment, and wire size. This document does not constitute a product specification. Users should conduct their own tests to determine suitability for the intended application.