

TECHNICAL DATA SHEET

BAWA 227 Modified Polyester Wire Enamel (Class 130)

PRODUCT DESCRIPTION

BAWA 227 is a modified Class 130 Polyester wire enamel. BAWA 227 has high processing speed, high peel value & heat shock as compared to standard wire enamels. BAWA 227 has good flexibility and adherence. BAWA 227 is suitable for Die & Felt applications.

MECHANICAL/PHYSICAL PROPERTIES	
Appearance	Brown Clear
Solid Content (1g/180°C/1h)	35±1%
Size mm	0.2-5.0 mm
*Viscosity	95-110
Flash Point	40°
Compatibility with thinner	1:1
Diameter of Bare wire	1.0mm
Build-up of Enamel	0.070mm
Elongation	36%
Flexibility Mandel Winding(15%pre-stretch, 1xd)	OK
Jerk Test	OK
Peel Test (nxd)	195-200
Abrasion (Av) (Unidirectional)	11.5 N

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

THERMAL PROPERTIES	
Heat Shock (5d/180°C/30min)	OK
Cut Through Temperature (240°C/ 2min)	OK

CHEMICAL PROPERTIES

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

ELECTRICAL PROPERTIES

Breakdown Voltage kV	at RT	10.5kv
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TAN DELTA

Bending Point°C (solid block)	100-115	
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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 227 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).	

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.