

**BAWA 227**

- 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 is suitable for Die & Felt applications
- BAWA 227 has good flexibility and adherence.
- BAWA 227 is specially suitable for size 0.2-5.0 mm

**Physical Properties**

<b>Appearance</b>	Golden Colour Liquid
<b>Solid Content</b> 1g/1800C/1h	35 ± 1%
<b>* Viscosity</b>	95-110
<b>Flash Point</b>	40°C
<b>Compatibility with thinner</b>	1 : 1

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

**Thermal Properties**

<b>Heat Shock</b> 5d/1800C/ 30min	OK
<b>Cut Through</b> 2400C / 2min	OK

**Electrical Properties**

<b>Break Down Voltage</b> kV	at RT	10.5
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**Mechanical Properties**

<b>Diameter of Bare wire</b>	1.0 mm
<b>Build up of enamel</b>	0.070 mm
<b>Elongation</b>	36%
<b>Flexibility</b> Mandrel Winding (25% pre-stretch 1xd)	OK
<b>Jerk Test</b>	OK
<b>Peel Test (nxd )</b>	195-200
<b>Abrasion (Av)</b> (Unidirectional)	11.5N

**Chemical Properties**

<b>Solvent Resistance</b>	
<b>Pencil Hardness</b>	
<b>Initial</b>	3h
<b>Std. Solvent</b>	2h

**Tan Delta**

<b>Bending Point 0C</b> ( solid block )	100-115
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Please note that all above-mentioned values may be changed according to the machine.

<b>RECOMMENDED THINNER</b>	Thinner W/E	
<b>PACKING:</b>	Bawa 227 Thinner W/E	210 Kg in mild steel drums. 21 Kg in mild steel drums.
<b>SHELF LIFE</b>	One year from date of manufacturing if stored in sealed container (at room temperature 25 0C).	

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