

TECHNICAL DATA SHEET
BAWA FS

PRODUCT DESCRIPTION

BAWA FS is a class 155 Polyesterimide wire enamel . Possesses good resistant to refrigerants like R-12,R-22.
BAWA FS is specially developed for rectangular conductor.

MECHANICAL/PHYSICAL PROPERTIES	
Appearance	Clear Liquid
Solid Content (1g/180°C/1h)	36±1%
Size mm	0.05 to 0.500
*Viscosity	40-50
**Viscosity	300-400
Flash Point	40°
Proposed Machine	horizontal machine for felt
Diameter of Bare wire	1.0mm
Build-up of Enamel	0.070mm
Elongation	36%
Flexibility Mandel Winding (25% pre-stretch, 1xd)	OK
Jerk Test	OK
Peel Test (nxd)	140-160
Abrasion (Av) (Unidirectional)	11.5N

* Viscosity by Din Cup 4 at 25°c in sec.
**Viscosity by Viscometer at 23°C .

THERMAL PROPERTIES

Heat Shock (4d/200°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	11
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TAN DELTA

Bending Point°C (solid block)	150-170	
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Please note that all above-mentioned values may be changed according to the machine.

Recommended Thinner		Thinner W/E
PACKING	BawaFS 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 values 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.