

BAWATHANE 888

- Bawathane 888 is a class 180 Polyurethane wire enamel.
- Bawathane 888 possesses a high cut through & good solder ability
- Bawathane 888 has a good resistance to styrenated impregnation Resins

Physical Properties

Appearance	Clear Liquid			
Solid Content 1g/180°C/1h	25 ± 1%	30 ± 1%	35 ± 1%	40 ± 1%
Size mm	0.05 to 0.500		0.5 to 2.0	1.6 to 5.0
* Viscosity	15 - 25	20 - 30	40-50	80-100
** Viscosity	50 - 70	60 - 100	130 - 170	250 - 350
Proposed Machine	horizontal machine for felt		horizontal & vertical plant for die	vertical plant for die
Flash Point	40°C			
Compatibility with thinner	1 : 1			

Mechanical Properties

Diameter of bare wire	1.0 mm
Build up of enamel	0.070 mm
Elongation	36%
Flexibility Mandrel Winding (15% pre-stretch 1xd)	OK
Jerk Test	OK
Peel Test (nxd)	N.A.
Abrasion (Av) (Unidirectional)	14N

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

** Viscosity by Viscometer at 23°C

Thermal Properties

Heat Shock 2d/180°C/ 30min	OK
Cut Through 260°C / 2min	OK

Chemical Properties

Solderability at 375° C	>2 Sec
Pencil Hardness	
Initial	3h
Std. Solvent	2h
Solvent Resistance	

Electrical Properties

Break Down Voltage kV	at RT	9.5 kv
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Tan Delta

Bending Point °C (solid block)	175-185
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Please note that all above-mentioned values may be changed according to the machine.

RECOMMENDED THINNER	Thinner W/E	
PACKING:	BAWATHANE 888 Thinner PWE	200 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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