

BAWATHERM 2001

- BAWATHERM 2001 is a Class 200, Modified Polyamide-imide based wire enamel, wires coated with
- BAWATHERM 2001 has excellent hermetic resistance, low coefficient of friction.
- It can be used as topcoat or a Sole coat.

Physical Properties	
Appearance	
Solid Content 1g/180°C/1h	30 ± 1%
* Viscosity	80 - 100
Proposed wire range (in mm)	0.05 -1.8

Viscosity by ford cup B4at 30c C in sec

Thermal Properties	
Heat Shock (with base Bawamid- 744)	1d/250°C/30min
Cut Through	3600 C /2 min

Electrical Properties		
Break Down Voltage kV	at RT	10.5 kV

Mechanical Properties	
Diameter of Bare wire	0.100
Build up of enamel	0.070 mm
Elongation	38%
Flexibility Mandrel Winding (20% prestretch 1xd)	OK
Jerk Test	OK
Peel Test (nxd)	140 - 150
Abrasion (Av) (Unidirectional)	14N

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

Tan Delta	
Bending Point °C (solid block)	260 - 270

Please note that all above-mentioned values may be changed according to the machine.

RECOMMENDED THINNER	Thinner W/E	
PACKING:	Bawatherm 2001 Thinner PWE	210 Kg in mild steel 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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