

BAWATHANE 999

- BAWATHANE 999 is a class 155 Polyurethane wire enamel with fast solderability. It possesses a good cut through and flexibility

PHYSICAL PROPERTIES		
SOLID CONTENT % (lg/1h/155 ⁰ C)	* VISCOSITY	PROPOSED WIRE RANGE (in mm)
25±1	15 -25	0.06 to 0.07
30 ± 1	25 - 35	Up to 0.500
35 ±1	30 - 40	Up to 1.8
Flash Point		40 ⁰ C
Compatibility with thinner		1 : 1

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

Tan Delta	
Bending Point ⁰ C (solid block)	145-165

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

RECOMMENDED THINNER	Thinner PW/E
PACKING:	Bawathane 999 Thinner PWE
	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 ⁰ C).

MECHANICAL PROPERTIES	
Colour of wire	Copper
Diameter of bare wire	0.500
Build up of enamel	0.065 mm
Elongation	36%
Flexibility Mandrel winding (20% pre -stretch 1xd)	OK
Jerk Test	OK
Peel Test (nxd)	-
Abrasion (AV) (Unidirectional)	8.0
THERMAL PROPERTIES	
Cut through	240 ⁰ C /2 min
Heat shock	2d/180 ⁰ C/30min
ELECTRICAL PROPERTIES	
Break Down Voltage kV	at RT 8.5 kv
CHEMICAL PROPERTIES	
Solderability at 375 ⁰ C	>2 Sec
Solvent Resistance	
Pencil Hardness	
Initial	3h
Std. Solvent	2h

This information contained here is best to our knowledge. Company makes no warranty of results and assurance, no obligations or liabilities for the use of any products and process herein. This publication is not to be taken as a license to operate under or recommendation to infringe upon any patents .

HARMAN BAWA (P) LTD.

65, West Avenue Road, West Punjabi Bagh, New Delhi 110026
Ph : 91-11-25222629,25222083 (FAX.) 011-25227237