



**MITESTER /M**

**Type**

performance & broad curing range for flexibility on thicker wires

**Specifications**

Properties	Test Method	Unit	Specification
Specific gravity at 25 °C	ASTMD891		1.10 +/- 0.02
Viscosity			
a. By Ford Cup B4 at 30 °C	IS3944	Sec	90 +/- 10
b. By Brookfield at 25 °C	ASTMD-2196	mpas	400-500
Solid Content (1 gm/2 hrs/180 °C)	ASTMD-1353	%	35 +/- 0.5
Flash Point	ASTMD-93	Deg.c	45

**Recommended Thinner**

For thinning the enamel, special thinner Mitester T is recommended

**Application**

By Dies or Felt pads

**Shelf Life**

About 12 months if stored in original sealed containers in a cool & dry place

**Packing**

205 kgs/25 kgs in MS New barrels/drums

**Representative Properties of enamelled wires as per IEC-6085 1 part 1 to 6 & IEC-60317-34**

Properties	Unit	Specification
Bare wire diameter	mm	1.00
Increase in diameter	mm	0.073
Colour		Brownish
<b>Mechanical Tests</b>		
a. Jerk test		OK
b. Peel Test	Revolution	175
c. Elongation	%	39
d. Spring Back	Deg	36
e. Flexibility		1d-OK
f. Abrasion Resistance		
1. Multiple	Strokes	90
2. Unidirectional	Newton	13.23
<b>Thermal Tests</b>		
a. Heat shock at 180 °C		4d-OK
c. Cut Through	Deg.C	280-OK
d. Temperature Index	Deg.C	170
e. Thermal Class	Deg.C	130
<b>Electrical Tests</b>		
a. Breakdown Voltage	KV	10
b. Tan delta Bending point	Deg.C	110
<b>Chemical Test</b>		
a. Solvent Resistance	H	3H

The above values are for guidance & giving good faith without any warranty