



MITCUTF

Type

Cutthrough, especially designed for fine wires.

Specifications

Properties	Test Method	Unit	Specification
Specific gravity at 25 °C	ASTM D891		1.105 +/- 0.02
Viscosity			
a. By Ford Cup B4 at 30 °C	IS 3944	Sec	80 +/- 10
b. By Brookfield at 25 °C	ASTM D-2196	mpas	400-500
Solid Content (1 gm/2 hrs/180 °C)	ASTM D-1353	%	35 +/- 0.5
Flash Point	ASTM D-93	Deg. C	45

Recommended Thinner

For thinning the enamel, special thinner Mitester 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	0.3
Increase in diameter	mm	0.035
Colour		Brownish
Mechanical Tests		
a. Jerk test		OK
b. Peel Test	Revolution	N.A.
c. Elongation	%	28
d. Spring Back	Deg	38
e. Flexibility		1d-OK
f. Abrasion Resistance		
1. Multiple	Strokes	65
2. Unidirectional	Newton	7.84
Thermal Tests		
a. Heat shock at 180 °C		5d-OK
c. Cut Through	Deg. C	290-OK
d. Temperature Index	Deg. C	170
e. Thermal Class	Deg. C	130
Electrical Tests		
a. Breakdown Voltage	KV	7
b. Tan delta Bending point	Deg. C	124
Chemical Test		
a. Solvent Resistance	H	3H

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