



DATA SHEET

M-6021

POLYESTER FILM

Type - 6021

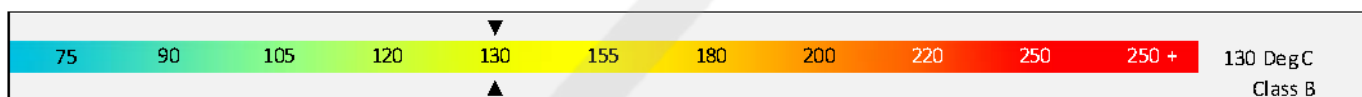
Polyester Film Type 6021 is a non-transparent product. When used alone, it's easy to recognize whether it's installed correctly on electrical appliances.

Typical Uses

Motor manufacture - Washers, Phase insulation, and slot Insulation
Transformer Manufacture - Coil wrap, Layer insulation.
Compressor Motor Manufacture - Phase insulation, Cap insulation.
Composite Manufacture – Wedges, Phase insulation, Core insulation, Laminations.
Clothing Manufacture – Collar liners

Main technical requirements

Properties	Nominal Thickness (Micron)	Units	Values
Thickness tolerance	25-100	%	$\leq \pm 5$
	> 100		$\leq \pm 4$
Tensile strength (lengthwise & crosswise)	25 – 100	Mpa	≥ 150
	> 100 – 190		≥ 140
	> 190		≥ 110
Break elongation (lengthwise & crosswise)	25 – 50	%	≥ 60
	> 50		≥ 80
Heat shrinkage (lengthwise & crosswise)	25 – 50	%	≥ 3.0
	> 50		≥ 2.0
Dielectric Strength	25	V/ μ m	≥ 174
	36		≥ 150
	50		≥ 130
	75		≥ 105
	100		≥ 90
	125		≥ 75
	150		≥ 70
	188		≥ 65
	250		≥ 60
	300		≥ 55
350	≥ 50		



ROLLS