

ELECTRIC GRADE PET POLYESTER FILM

Type POLYESTER



Description

Polyester film obtained by the condensation between ethylene-glycol and terephthalic acid. Thanks to its excellent physical, chemical and electrical properties, this film is universally accepted and requested in all markets, industries and applications where a polyester film is required.

Properties and applications

Its excellent dielectric properties make it particularly suitable for applications in the field of electric insulation in machines up to class B (130°C), as internal protection for cables, substrate for adhesive tapes and release film in glass-resin compounds.

Technical data

Milky white - Class B : 130° C continuous service

Thickness	Yield	Density	Tensile strength	Elongation	Dielectric constant	Breakdown voltage	Shrinkage 150°C for 30 min
<i>mm</i>	<i>m²/kg</i>	<i>g/cm³</i>	<i>Kg/cm²</i>	<i>%</i>	<i>kV</i>	<i>kV</i>	<i>%</i>
0,19	3,76	1,4	1800	120	3,3	20	1,2
0,25	2,86	1,4	1800	130	3,3	22	1,2
0,30	2,38	1,4	1700	140	3,3	24	1,2
0,35	2,04	1,4	1700	140	3,3	26	1,2