

POLYESTER FILM/TAPE

Polyethylene terephthalate is used extensively in the production of a high-strength moisture-resistant film as a cable core wrap.

TECHNICAL DATA SHEET									
PROPERTIES		TEST METHOD	UNIT		VALUE				
PHYSICAL									
Thickness		ASTM D 374	Micron		23	36	50	75	125
Yield		SKTM	kg /m2		32	20	14	10	6.0
OPTICAL									
Haze (Max)		ASTM D 1003	%		3.3	3.2	4.0	8.9	12.0
Total Luminous Transmission (Min)		ASTM D 1003	%		85	86	85	85	85
MECHANICAL									
Coefficient of Friction (Max)		ASTM D 1894	Static		0.55	0.55	0.55	0.55	0.55
			Kinetic		0.65	0.65	0.65	0.65	0.65
Tensile Strength (Min)		ASTM D 882	MPa	MD	150	150	150	150	140
				TD	150	150	150	150	140
Elongation (Min)		ASTM D882	%	MD	60	60	60	80	80
				TD	60	60	60	80	80
THERMAL									
Shrinkage (Max) at 1500C / 30 min		ASTM D 1204	%	MD	3.0	3.0	3.0	3.0	3.0
				TD	3.0	3.0	3.0	3.0	3.0
ELECTRICAL									
Breakdown Voltage	ASTM D 149	KV/mm			6.0	7.0	10.0	13.0	17.0
Volume Resistance	ASTM D 256	Ohmcm (Min)			1.0 x 10 ¹⁶				

- * Other parameters, such as width, length, ID and OD can be arranged based on customers' requirements.
- * The above datasheet of PET is released by WUXI SUNKING INT'L TRADING CO., LTD.
- * SKTM: Sunking Test Method; MD: Machine Direction; TD: Transverse Direction
- * The above mentioned data sheet should, however, only be regarded as a general guide to product properties and not as a guarantee. Some of the properties can be changed and improved by SUNKING's development in technology.