

TRANSPET™ WT

DESCRIPTION:

TransPet WT is a white translucent, biaxially oriented polyester film that has excellent handling and machinability characteristics. Both sides are untreated. **(Also available in 300, 900, & 1200 gauge)**

CHARACTERISTICS:

- Outstanding machinability
- Good mechanical and dielectric strength for electrical insulation
- Durable and dimensionally stable
- Good chemical resistance
- UL Rated

TECHNICAL DATA:

PROPERTIES	UNIT OF MEASURE	TYPICAL VALUE				TEST METHOD
Thickness	Gauge	500	760	1000	1400	-
Yield	in ² /lb.	4,000	2,600	2,000	1,400	-
Tensile Strength MD	psi	29,900	29,900	29,900	29,900	ASTM D882
Tensile Strength TD	psi	31,300	31,300	31,300	31,300	ASTM D882
Elongation at Break MD	%	150	150	150	150	ASTM D882
Elongation at Break TD	%	130	130	130	130	ASTM D882
Coefficient of Friction	Static	0.30	0.30	0.30	0.30	ASTM D1894
Density	g/cc	1.4	1.4	1.4	1.4	ASTM D1505
Breakdown Voltage	KV	16	19	23	26	50 Hz continuously increasing at 500v/sec, 6.3 mm electrodes
Surface Resistivity	Ohms/sq.	>10 ¹³	>10 ¹³	>10 ¹³	>10 ¹³	ASTM D 257 500 V DC @20°C 54% RH
Volume Resistivity	Log Ohm m	10 ¹⁵	10 ¹⁵	10 ¹⁵	10 ¹⁵	100 V DC @25° for 100 sec
Water Absorption Rate	%	0.55	0.55	0.55	0.55	ASTM D570-63 (1972) 1 week @23°C
Oligomer Extraction	%	0.6	0.6	0.6	0.6	24 hrs. boiling Xylene

*All information, recommendations and suggestions contained herein, including, without limitations, stated values (collectively the "Information") shall be used only as a guide by Purchaser and not for specification or any other purpose. The Information does not constitute a warranty nor guaranty of any type whatsoever. Purchaser should independently determine the suitability of all material purchased and must confirm adaptability and other characteristics by conducting its own test. Transcendia shall have no liability as a result of any loss, expense, damage, cost or other injury which results from Purchaser's reliance on the Information.

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