Transcendia

ISO 9001:2008 Certified Company
PERRY JOHNSON REGISTRARS, INC.

TRANSNYLON NYCT2-F

DESCRIPTION:
TransNylon NYCT2-F is a biaxially oriented nylon film, corona treated on both sides, used mostly in food packaging, general packaging, textile products, and balloon products

CHARACTERISTICS:

- Outstanding impact strength
- Abrasion resistant
- Excellent tear strength
- High slip characteristics

FDA STATUS:
Manufactured with materials compliant with FDA regulations.

TECHNICAL DATA:

PROPERTIES	UNIT OF MEASURE	TYPICAL VALUES			TEST METHOD
Thickness	Gauge	48	60	100	-
Yield	in^2/lb	50,533	40,443	24,266	-
Tensile Strength MD	kpsi	45.0 +/- 8.0	45.0 +/- 8.0	45.0 +/- 8.0	ASTM D882
Tensile Strength TD	kpsi	45.0 +/- 8.0	45.0 +/- 8.0	45.0 +/- 8.0	ASTM D882
Elongation at Break MD	%	160 +/- 30.0	160.0 +/- 30.0	160 +/- 30.0	ASTM D882
Elongation at Break TD	%	160 +/- 30.0	160.0 +/- 30.0	160 +/- 30.0	ASTM D882
F-5 Value MD	kpsi	7.6	7.8	8.3	ASTM D882
F-5 Value TD	kpsi	7.0	6.9	7.7	ASTM D882
Modulus MD	kpsi	426.0 +/- 85.0	426.0 +/- 85.0	454.0 +/- 85.0	ASTM D882
Modulus TD	kpsi	426.0 +/- 85.0	426.0 +/- 85.0	454.0 +/- 85.0	ASTM D882
Heat Shrinkage MD	%	3.0 +/- 0.8	3.0 +/- 0.8	3.0 +/- 0.8	ASTM D2305
Heat Shrinkage TD	%	2.0 +/- 0.8	2.0 +/- 0.8	2.0 +/- 0.8	ASTM D2305
COF	Static	0.50 +/- 0.10	0.50 +/- 0.10	0.50 +/- 0.10	ASTM D1894
COF	Kinetic	0.50 +/- 0.10	0.50 +/- 0.10	0.50 +/- 0.10	ASTM D1894
Haze	%	3.5 +/- 1.0	3.8 +/- 1.0	4.2 +/- 1.0	ASTM D1003
Wetting Tension Both Sides	Dyne	52 +/- 4	52 +/- 4	52 +/- 4	ASTM D2578
WVTR	$g/100in^2/day$	21	17	10	ASTM D1249
OTR	$cc/100in^2/day$	4.4	3.4	2.7	ASTM D3985

Test Condition 23 +/- 3^0C, 50 +/- 10% RH

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