Transcendia

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

TRANSPROP™ RC-F

DESCRIPTION:
TransProp RC-F is a clear biaxially oriented polypropylene film coated on both sides with an aqueous acrylic dispersion.

CHARACTERISTICS:

- Heat Sealable on both sides with excellent hot tack
- Excellent barrier to water vapor, flavors and aromas
- Low sealing threshold and broad sealing range
- Both sides are receptive to inks, adhesives and tear-tapes
- Superior optical properties
- Puncture and impact-resistance properties are maintained even at lower temperatures

FDA STATUS:
Manufactured with materials compliant with FDA regulations.

TECHNICAL DATA:

PROPERTIES	UNIT OF MEASURE	TECHNICAL DATA				TEST METHOD
Thickness	Gauge	80	100	120	140	-
Yield	in^2/lb	38,400	30,800	25,700	22,100	-
Shrinkage MD	%	2.0	2.0	2.0	2.0	250^0F x 60 secs
Shrinkage TD	%	0.0	0.0	0.0	0.0	250^0F x 60 secs
Shrinkage MD	%	7.0	7.0	7.0	7.0	265^0F x 60 secs
Shrinkage TD	%	1.0	1.0	1.0	1.0	265^0F x 60 secs
Sealing Range	^0F	185-295	185-295	185-295	185-295	2 secs x 15 PSI
Seal Strength	g(f)/in	>400	>400	>400	>400	265^{0F} x 2 secs x PSI
Gloss (45^0)	%	95	95	95	95	ASTM D2457
COF (Film to Film)	Kinetic	0.25	0.25	0.25	0.25	ASTM D1894
COF (Film to Film)	Static	0.25	0.25	0.25	0.25	ASTM D1894
Haze (Wide Angle)	%	1.5	1.5	1.5	1.5	ASTM D1003
WVTR	g/100 in^2/24 hrs	0.52	0.39	0.35	0.29	ASTM F1770
OTR	cc/100 in^2/24 hrs	61.29	54.84	48.39	41.94	ASTM D1927

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CORPORATE HEADQUARTERS 9201 W. Belmont Avenue | Franklin Park, IL 60131
USA 800.618.5060 | 847.678.1800 main | 847.233.0199 fax
CAN 800.268.4108 | 416.292.6000 main | 416.292.7399 fax

TRANSCENDIA.COM