Transcendia

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

TRANSPROP™ RDU-F

DESCRIPTION:
TransProp RDU-F is a clear biaxially oriented polypropylene film coated on one side with a high barrier aqueous dispersion of PVDC copolymer, the other side coated with an aqueous acrylic dispersion.

CHARACTERISTICS:

- Very high oxygen barrier
- Excellent barrier to water vapor, gases and aromas
- Heat sealable on both sides. (A/A, P/A, and A/P)
- Both sides of the film are receptive to inks, adhesives and tear tapes
- Puncture and impact-resistance properties are maintained even at low temperatures

FDA STATUS:
Manufactured with materials compliant with FDA regulations.

TECHNICAL DATA:

PROPERTIES	UNIT OF MEASURE	TYPICAL VALUE		TEST METHOD
Thickness	Gauge	85	100	-
Yield	in^2/lb	35,850	29,100	-
Shrinkage MD	%	4.0	4.0	250^0F x 60 secs
Shrinkage TD	%	0.0	0.0	250^0F x 60 secs
Shrinkage MD	%	7.0	7.0	265^0F x 60 secs
Shrinkage TD	%	1.0	1.0	265^0F x 60 secs
Sealing Range A/A	^0F	185-295	185-295	2 sec; 15 psi
Sealing Range P/P	^0F	220-295	220-295	2 sec; 15 psi
Seal Strength A/A	g(f)/in	>400	>400	265^{0F} x 2 secs x PSI
Seal Strength P/P	g(f)in	>400	>400	265^0 x 2 secs x PSI
Gloss (45^0)	%	100	100	ASTM D2457
C of F (out to out)	Static A/P	.20-.30	.20-.30	ASTM D1894
C of F (out to out)	Dynamic A/P	.20-.30	.20-.30	ASTM D1894
Haze (Wide Angle)	%	2-3	2-3	ASTM D1003
WVTR	g/100 in^2/24 hrs	.26	.23	ASTM F1770
OTR	cc/100 in^2/24 hrs	.40	.40	ASTM D1927

Revision Date: 09/20/2016

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