Transcendia

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

TRANSPROP™ HS2CWP-F

DESCRIPTION:
TransProp HS2CWP-F is a pearlescent white cavitated polypropylene that is one side treated and two sides sealable.

CHARACTERISTICS:

- High yield due to lower density
- Aesthetic pearl luster appearance
- White layer eliminates use of white ink in multi-color printing
- Good opacity
- Good antistatic properties
- Good dead fold properties

FDA STATUS:
Manufactured with materials compliant with FDA regulations.

TECHNICAL DATA:

PROPERTIES	UNIT OF MEASURE	TYPICAL VALUE				TEST METHOD
Thickness	Gauge	100	120	140	160	-
Yield	$in^2/lb.$	40,300	33,600	28,800	25,200	-
Tensile Strength at Break MD	Lbs/in^2	11,376	11,376	11,376	11,376	ASTM D882
Tensile Strength at Break TD	Lbs/in^2	22,752	22,752	22,752	22,752	ASTM D882
Elongation at Break MD	%	135	135	135	135	ASTM D882
Elongation at Break TD	%	40	40	40	40	ASTM D882
COF Film/Film		0.40	0.40	0.40	0.40	ASTM D1894
Opacity	%	65	66	68	70	ASTM D589-97
Gloss (45^0) treated side	%	80	80	80	80	ASTM D2457
Heat Seal Strength Film/Film	lb/0.59in	0.66	0.66	0.66	0.66	14.5psi, 1 sec 266^0F
Heat Seal Range	^0F (min-max)	221-284	221-284	221-284	221-284	-
Surface Tension	dyne/cm	38	38	38	38	ASTM D2578
WVTR	$g/100in^2/24h$	0.44-0.45	0.44-0.45	0.40-0.41	0.40-0.41	ASTM F1249 38^0C/90% RH

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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