



TECHNICAL DATA SHEET

**VERY LOW DENSITY WHITE, HEAT SEALABLE OPP
FILM (ONE SIDE TREATED)**

IMP196

Corona Treated, Heat Sealable Surface

Opaque White Core

Untreated, Heat Sealable Surface

A very low density opaque white, one side corona treated BOPP film. Has outstanding opacity and brilliant white appearance, and can be used in single or two-ply laminates. Is heat sealable on both sides, with a low temperature sealing surface with excellent strength and hot tack. The corona treated side provides excellent adhesion of inks and lamination adhesives during conversion.

PROPERTIES			TEST METHOD	UNITS	100 IMP196	120 IMP196	140 IMP196	152 IMP196	160 IMP196	200 IMP196
GENERAL										
Thickness		Internal	gauge		100	120	140	152	160	200
Yield		Internal	lb/ream		10.4	12.1	13.7	14.9	15.6	19.5
		Internal	in ² /lb		41300	35500	31600	28900	27600	22100
Treatment Level	Corona	ASTM D-2578	dyne		40	40	40	40	40	40
OPTICAL										
Opacity	min	Internal	%		75	75	80	85	85	90
Gloss	max	ASTM D-2475	%		75	75	75	70	70	70
MECHANICAL										
Tensile Strength	MD	ASTM D-882	psi		14200	14200	14200	14200	14200	14200
	TD	ASTM D-882	psi		28400	28400	28400	28400	28400	28400
Elongation to Break	MD	ASTM D-882	%		150	150	150	140	140	130
	TD	ASTM D-882	%		50	50	50	40	40	35
Coefficient of Friction	Static	ASTM D-1894	-		0.40	0.40	0.40	0.40	0.40	0.40
	Kinetic	ASTM D-1894	-		0.38	0.38	0.38	0.38	0.38	0.38
THERMAL										
Shrinkage (at 248 °F / 5 min)	MD	Internal	%		3.0	3.0	3.0	3.0	2.5	2.5
	TD	Internal	%		1.5	1.5	1.0	1.0	1.0	1.0
Seal Initiation Temperature (max)		Internal	°F		244	244	244	248	248	248
BARRIER										
Water Vapour Transmission Rate (at 100 °F / 90% RH)		ASTM E-1249	g/100in ² /24h		0.39	0.32	0.26	0.23	0.19	0.16
Oxygen Transmission Rate (at 73 °F / 0% RH)		ASTM D-3985	cc/100in ² /24h		112.9	106.5	100.0	90.3	80.6	71.0

FDA Compliance: For information regarding food contact compliance, please contact your Impak Films representative

Information in this publication is believed to be accurate and is given in good faith, but it is for the customer to satisfy the suitability for its own particular purpose. Accordingly, Impak Films gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that such exclusion is prevented by law. Impak Films reserves the right to change the data sheet at any time without prior notification.

IMPAK FILMS AUSTRALIA (www.impakfilms.com.au)
 ABN: 42 586 823 597 Address: Unit 15, 7-9 Mallett Road, (P.O. Box 1114), Tullamarine Vic. 3043, Australia Telephone: +61 3 9310 5540 Facsimile: +61 3 9310 5590

IMPAK FILMS USA (www.impakfilms.com)
 Address: 13757 Wingfield Circle, Salt Lake City Utah 84020, USA Warehouse: 10879 Portal Street, Los Alamitos California 90720, USA Telephone: +1 801 676 9290 Facsimile: +1 801 401 5556