



TECHNICAL DATA SHEET

LOW DENSITY WHITE, HEAT SEALABLE OPP FILM (ONE SIDE TREATED) IMP191

Corona Treated, Heat Sealable Surface

Opaque White Core

Untreated, Ultra Low Temperature Heat Sealable Surface

A low density opaque white, one side corona treated BOPP film. Has excellent opacity and brilliant white appearance, and can be used in single or two-ply laminates. Is heat sealable on both sides, with an ultra 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 IMP191	120 IMP191	140 IMP191	160 IMP191	180 IMP191	200 IMP191	
GENERAL									
Thickness	Internal	gauge	100	120	140	160	180	200	
Yield	Internal	lb/ream	12.3	14.7	17.2	19.7	22.1	24.5	
	Internal	in ² /lb	35200	29200	25100	21900	19500	17600	
Treatment Level	Corona	ASTM D-2578	38	38	38	38	38	38	
OPTICAL									
Opacity	min	Internal	%	75	80	80	85	85	90
Gloss	max	ASTM D-2475	%	55	55	55	50	50	50
MECHANICAL									
Tensile Strength	MD	ASTM D-882	psi	15600	15600	15600	15600	15600	15600
	TD	ASTM D-882	psi	29900	29900	29900	29900	29900	29900
Elongation to Break	MD	ASTM D-882	%	160	160	160	150	150	150
	TD	ASTM D-882	%	60	60	60	50	50	50
THERMAL									
Shrinkage (at 248 °F / 5 min)	MD	Internal	%	3.5	3.5	3.5	3.5	3.5	3.5
	TD	Internal	%	1.5	1.5	1.5	1.5	1.5	1.5
Seal Initiation Temperature (max)	Internal		°F	176	176	176	176	176	176
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