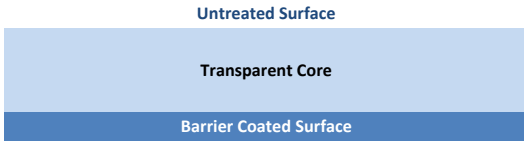




TECHNICAL DATA SHEET

TRANSPARENT, HIGH BARRIER PET FILM

IMP862



A one side barrier coated PET film, with excellent bond strength for single or two-ply laminate packaging applications. Has high gloss and excellent barrier properties, and excellent stress crack resistance and outstanding mechanical properties. Specifically designed for use in high barrier transparent packaging applications, and can replace alumina or SiOx coated films.

PROPERTIES	TEST METHOD	UNITS	48 IMP862
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GENERAL

Thickness	Internal	gauge	48
Yield	Internal	lb/ream	10.3
	Internal	in ² /lb	41800
Treatment Level	Coated Side	ASTM D-2578	56
	Plain Side	ASTM D-2578	42

OPTICAL

Haze	max	ASTM D-1003	%	3.5
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MECHANICAL

Tensile Strength	MD	ASTM D-882	psi	29900
	TD	ASTM D-882	psi	30900
Elongation to Break	MD	ASTM D-882	%	110
	TD	ASTM D-882	%	95
Coefficient of Friction	Static	ASTM D-1894	-	0.80
	Kinetic	ASTM D-1894	-	0.65

THERMAL

Shrinkage (at 302 °F / 30 min)	MD	Internal	%	2.5
	TD	Internal	%	0.4

BARRIER

Water Vapour Transmission Rate (at 100 °F / 90% RH)	ASTM E-1249	g/100in ² /24h	0.97
Oxygen Transmission Rate (at 73 °F / 0% RH)	ASTM D-3985	cc/100in ² /24h	0.06

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.

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