



TECHNICAL DATA SHEET

METALIZED PET FILM (METAL ON CHEMICAL SURFACE)

IMP222

Untreated Surface

Transparent Core

Chemically Treated Metalized Surface

A one side metallised PET film (on the chemically treated surface), with excellent bond strength for single or two-ply laminate packaging applications. The chemically treated side is specifically designed for excellent metallisation and has excellent metal to film bond strength. Has high gloss and excellent barrier properties.

PROPERTIES	TEST METHOD	UNITS	48 IMP222
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GENERAL

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

OPTICAL

Optical Density	max	Internal	%	2.2
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MECHANICAL

Tensile Strength	MD	ASTM D-882	psi	29900
	TD	ASTM D-882	psi	31300
Elongation to Break	MD	ASTM D-882	%	100
	TD	ASTM D-882	%	90

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	0.04
Oxygen Transmission Rate (at 73 °F / 0% RH)	ASTM D-3985	cc/100in ² /24h	0.05

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

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