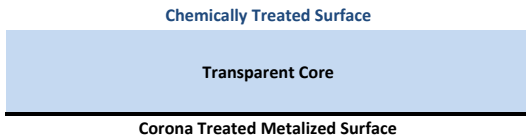




**TECHNICAL DATA SHEET**

**METALIZED PET FILM (METAL ON CORONA SURFACE / REVERSE IS CHEMICALLY TREATED)**

**IMP224**



A one side metallised (on the corona treated surface) and one side chemically treated PET film, with excellent bond strength for single or two-ply laminate packaging applications. The corona 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	40 IMP224	48 IMP224	60 IMP224	92 IMP224
<b>GENERAL</b>							
Thickness	Internal		gauge	40	48	60	92
Yield	Internal		lb/ream	8.6	10.3	12.9	19.8
	Internal		in <sup>2</sup> /lb	50200	41800	33500	21800
Treatment Level	Metal	ASTM D-2578	dyne	56	56	56	56
	Chemical	ASTM D-2578	dyne	42	42	42	42
<b>OPTICAL</b>							
Optical Density	min	Internal	%	2.2	2.2	2.2	2.2
<b>MECHANICAL</b>							
Tensile Strength	MD	ASTM D-882	psi	27000	27000	27000	27000
	TD	ASTM D-882	psi	28400	28400	28400	28400
Elongation to Break	MD	ASTM D-882	%	105	105	105	125
	TD	ASTM D-882	%	95	95	95	95
<b>THERMAL</b>							
Shrinkage (at 302 °C / 30 sec)	MD	Internal	%	1.5	1.5	1.5	1.5
	TD	Internal	%	0.6	0.6	0.6	0.6
<b>BARRIER</b>							
Water Vapour Transmission Rate (at 100 °F / 90% RH)	ASTM E-1249		g/100in <sup>2</sup> /24h	0.06	0.06	0.06	0.06
Oxygen Transmission Rate (at 73 °F / 0% RH)	ASTM D-3985		cc/100in <sup>2</sup> /24h	0.06	0.06	0.06	0.06

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

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