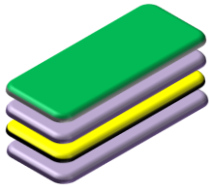




**TECHNICAL DATA SHEET**

**TRANSPARENT ULTRA HIGH OXYGEN BARRIER PET FILM**

**IMP662**



Chemical coated surface  
Modified skin layer  
Transparent PET core  
Modified skin layer

A transparent PET film with ultra high oxygen barrier and high transparency. IMP662 offers superior mechanical properties and flex crack resistance in laminates and can be used as a substitute for traditional transparent oxygen barrier materials such as PVdC coated and multilayer co-extruded films in flexible packaging.

**PRODUCT FEATURES**

- Ultra high oxygen barrier
- Superior flex crack resistance
- Halogen free chemical coated surface for printing and lamination
- Excellent surface gloss and high transparency
- Not suitable for retort applications

**APPLICATIONS**

- Substitute for PVdC coated flexible films
- Substitute for multilayer co-extruded barrier films
- Barrier layer in laminates for cheese, meat, nuts, cereals, flavored powdered and processed foods
- Barrier layer for overwrap applications such as cosmetics and personal care products

PROPERTIES	TEST METHOD	UNITS	IMP662	
<b>GENERAL</b>				
Base Web Thickness	Internal	ga	48	
	ASTM D1505	lb/ream	10.0	
Yield	Internal	in <sup>2</sup> /lb	41800	
Treatment Level	Chemical side	ASTM D-2578	dyne/cm	48
	Plain side			42
Haze	ASTM D-1003	%	3.5	
Coefficient of Friction (CoF)	A-B	ASTM D-1894	Static	0.80
	A-B		Kinetic	0.65
<b>MECHANICAL</b>				
Tensile Strength (minimum at break)	MD	ASTM D-882	psi	27000
	TD	ASTM D-882	psi	27000
Elongation to Break (minimum at break)	MD	ASTM D-882	%	100
	TD	ASTM D-882	%	90
<b>THERMAL</b>				
Max. Shrinkage (300°F/30 min)	MD	ASTM D-1204	%	2.4
	TD	ASTM D-1204	%	0.4
<b>BARRIER</b>				
Oxygen Transmission Rate	(73°F/0% RH)	ASTM D3985	cc/100in <sup>2</sup> /24h	< 0.065

**Guidelines for storage**

Temperature should be less than 86°F and humidity 55±5% in storage areas. Material should be consumed within 6 months of receipt. Allow film to reach operating room temperature 24h before use.

**Printing & Lamination**

It is recommended to print on the chemically coated side of the film when used in a laminate structure. Vinyl ester based and NC/PU based inks offer good adhesion performance but advice should be taken from your ink supplier.

When laminating this material, the use of a lamination film free from migratory additives may give improved results.

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

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