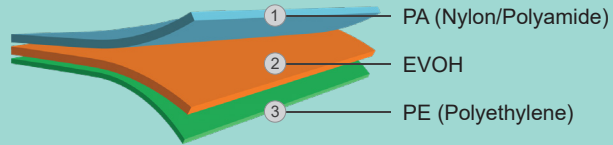




# High Barrier Thermoforming Film

5 Mil - 125 Micron  
Transparent



PROPERTIES	TEST METHOD	UNIT	VALUE	NOTE
Yield	ASTM D 4321	in <sup>2</sup> /lb	5460.73	
Elongation	ASTM D 882	%	MD	> 300
			TD	> 300
Tensile Strength	ASTM D 882	kg/cm <sup>2</sup>	MD	> 250
			MD	> 230
COF	ASTM D 1894	Kinetic (Inner/Metal)	0.10 - 0.30	
Surface Tension	ASTM D 2578	dynes/cm	≥ 42	
Dart Impact Strength	ASTM D 1709	gf	≥ 230	@ 1.52 Meter Height
Film Width	ASTM D 5947	inch	As per PO	+2, -0 mm
<b>THERMAL PROPERTIES</b>				
Seal Strength	ASTM F 88	kgf/15mm	≥ 3.2	125°C, 1.8 second dwell time
<b>BARRIER PROPERTIES</b>				
OTR	ASTM D 3985	cm <sup>3</sup> /m <sup>2</sup> /day	< 1.5	0% RH & 23°C
WVTR	ASTM F 1249	g/m <sup>2</sup> /day	< 4.85	90% RH & 38°C

\* MD = Machine Direction, \* TD = Transverse Direction

**Storage & Handling:** Needs to be stocked in a closed warehouse & should not be exposed to direct sun light or light sources. Avoid extreme of humidity and heat. It is recommended to store below 40°C in dry places in original packing.

**Food Contact:** Complies with EC (EU 202/2014 & EU 10/2011) and FDA (21 CFR § 175.105 & 21 CFR § 175.300) regulations on packaging for direct contact with foodstuffs. Specific document and MSDS are available on request.

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