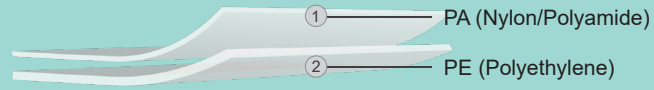




# Medium Barrier Thermoforming Film

4 Mil - 100 Micron  
PA / PE Transparent



PROPERTIES	TEST METHOD	UNIT	VALUE	NOTE
<b>PHYSICAL PROPERTIES</b>				
Yield	ASTM D 4321	in <sup>2</sup> /lb	7174.18	+/- 5%
Elongation	ASTM D 882	%	MD	> 350
			TD	> 400
Tensile Strength	ASTM D 882	N/mm <sup>2</sup>	MD	> 22.56
			MD	> 19.61
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	≥ 220	@ 1.52 Meter Height
Film Width	ASTM D 5947	inch	As per PO	+0.1, -0
<b>THERMAL PROPERTIES</b>				
Seal Strength	ASTM F 88	N/inch	≥ 27.46	(125°C, 1.8 second dwell time)
<b>BARRIER PROPERTIES</b>				
OTR	ASTM D 3985	cc/100in <sup>2</sup> /24hrs	< 2.5	(23°C, 0% RH)
WVTR	ASTM F 1249	gm/100in <sup>2</sup> /24hrs	< 0.40	(38°C 90% RH)

\* 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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