

## Medium Barrier Thermoforming Film THF002

## 9 Mil - 225 Micron PA / PE Transparent

PA (Nylon/Polyamide)
2
PE (Polyethylene)

PROPERTIES	TEST METHOD	UNIT		VALUE	NOTE
PHYSICAL PROPERTIES					
Yield	ASTM D 4321	in²/lb		3188.52	+/- 5%
Elongation	ASTM D 882	%	MD	> 330	
			TD	> 350	
Tensile Strength	ASTM D 882	N/mm²	MD	> 24.52	
			MD	> 22.56	
COF	ASTM D 1894	Kinetic (Inner/Metal)		0.10 - 0.30	
Surface Tension	ASTM D 2578	dynes/cm		≥ 42	
Dart Impact Srength	ASTM D 1709	gf		≥ 380	@ 1.52 Meter Height
Film Width	ASTM D 5947	inch		As per PO	+0.1, -0
THERMAL PROPERTIES					
Seal Strength	ASTM F 88	N/inch		≥ 68.65	(125°C, 1.8 second dwell time)
BARRIER PROPERTIES					
OTR	ASTM D 3985	cc/100in²/24hrs		< 1.94	(23°C, 0% RH)
WVTR	ASTM F 1249	gm/100in²/24hrs		< 0.30	(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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