

10 Mil

High Barrier Thermoforming Film is co-extruded PA // EVOH // PE film. Industry leading clarity and great forming draw characteristics.

PROPERTIES	TEST METHOD	UNIT	TYPICAL VALUE	NOTES
Total GSM	DIN 53362	g / m ²	257.5 (± 5 %)	
	ASTM D 4321	in ² / lb	2730 (± 5 %)	
Tensile Strength MD	ASTM D 882	kg / cm ²	> 280	
Tensile Strength TD			> 250	
Elongation MD		%	> 300	
Elongation TD				
Surface Tension	ASTM D 2578	dynes / cm	≥ 40	
COF	ASTM D 1894	kinetic (inner metal)	0.10 - 0.30	
Dart Impact Strength	ASTM D 1709	gf	≥ 430	@ 1.52 Meter Height
Film Width	ASTM D 5947	mm	as per PO	+2, -0 mm
Seal Strength	ASTM F 88	kgf / 15mm	≥ 7.5	125°C, 1.8 sec dwell time
Haze	ASTM D 1003	%	≤ 8.0	
OTR	ASTM D 3985	cm ³ / m ² / day	< 0.6	0 % RH & 23°C
WVTR	ASTM F 1249	g / m ² / day	< 3.0	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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