

**APPLICATIONS**

**FEATURES**

- For industrial and food products
- Simple application or laminated application with other films
- For horizontal and vertical packaging
- Suitable for direct contact with food

- Transparent with both sides sealable
- Superior stiffness and heat resistance
- Anti-static and sliding additives
- Printing available on one face (rotogravure and flexography) or adhesive application
- Excellent dimensional stability

PROPERTIES		METHOD	UNIT	TOLERANCE	TYPICAL VALUE						
Thickness		Internal	micron	--	18	20	25	30	35	40	50
			gauge	--	72	80	100	120	140	160	200
Weight		Internal	g / m <sup>2</sup>	10%	16.7	18.6	23.3	27.9	32.6	37.2	46.5
Yield			in <sup>2</sup> / lb	10%	42101	37800	30175	25200	21567	18900	15120
SIT	NT / NT	DIN 55529	°C	≤ N + 3	≤ 100						
Sealing Strength		DIN 55529	N / 15mm	--	≥ 4.5		≥ 5		≥ 8	≥ 9	
COF	T / T	ISO 8295	--	--	≤ 0,35						
	NT / NT										
Tensile Strength	MD	ISO 527	MPa	--	≥ 75						
	TD			--	≥ 130						
	MD	ISO 527	kg / cm <sup>2</sup>	--	≥ 765						
	TD			--	≥ 1325						
Elongation Break	MD	ISO 527	%	--	≤ 350						
	TD			--	≤ 120						
Thermal Shrinkage 100°C 5'	MD	Internal	%	--	≤ 6.0						
	TD			--	≤ 4.0						
Haze	T	ASTM D 1003	%	--	≤ 4.0				≤ 6.0		
Gloss @ 45°	T	ASTM D 2457	GU	--	≥ 85						
Treatment	T	ASTM D 2578	Dyne / cm	--	≥ 38						
OTR (0% HR, 23°C)		ISO 15105 2.2003	cm <sup>3</sup> / m <sup>2</sup> / day	--	< 10000				< 4000		
			cm <sup>3</sup> / 100in <sup>2</sup> / day	--	> 645				< 258		
WVTR (90% HR, 38°C)		ASTM F 1249-13	gH <sub>2</sub> O / m <sup>2</sup> / day	--	< 20				< 15		
			g / 100in <sup>2</sup> / day	--	< 1.29				< .97		

MD = Machine Direction

TD = Transverse Direction

T = Treated Face

NT = Untreated Face

**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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