

One side low temperature heat sealable with high seal strength, other side treated, dart resistant non oriented polypropylene film.

Properties

- Excellent mechanical and optical properties
- High toughness and softness
- Excellent seal integrity & seal strength
- Very Low SIT

Applications

Designed especially for lamination to other flexible films, where needs high heat seal strength and hermetic seal application as an alternative to PE.

Also designed for winter conditions, and an improved dart drop is required.

PROPERTIES	TEST CONDITIONS		UNITS	TYPICAL VALUES			
THICKNESS	.....		μ	30	40	50	60
			Gauge	120	160	200	240
THICKNESS TOLERANCE	.....		%	5			
UNIT WEIGHT	ASTM D 2673		g / m ²	27.2	36.2	45.3	54.4
YIELD	ASTM D 2673		m ² / kg	36.8	27.6	22.1	18.4
HAZE	ASTM D 1003		%	< 5.0			
GLOSS	ASTM D 2457		%	85 ± 5			
OPTICAL DENSITY	MACBETH		.....			
COEFFICIENT OF FRICTION*	ASTM D 1894	B/B*	.....	< 0.45			
		B/M*	.....	< 0.30			
TENSILE STRENGTH	ASTM D 882	MD	N/mm ²	45 ± 20			
		TD		25 ± 5			
ELONGATION AT BREAK	ASTM D 882	MD	%	500 ± 100			
		TD		500 ± 100			
HEAT SEAL TEMPERATURE	3 Bar / 0.5 Sec		°C	95 - 145			
SEAL STRENGTH	100°C / 3 Bar / 0.5 Sec		N/15mm	> 15			
WVTR	ASTM F 1249 38°C / 90% RH		g / m ² / day	<7.0			
TREATMENT LEVEL	ASTM D 2578		dyne / cm	> 36			
HEAT SHRINKAGE	130°C / 7 min	MD	%	0 ± 2.5			
		TD		0 ± 2.5			

*B : Back side

*All COF values are dynamic results

*M : Metal

The above information is the result of laboratory test which are applied on samples from standart production. Since the varying conditions under which our products used are beyond our control, all of the above results are without guarantee and warranty.