

One side low heat sealable, other side treated, non oriented polypropylene film.

Properties

- Excellent mechanical and optical properties
- Good resistance to tearing and perforation
- Excellent seal integrity & seal strength
- 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.

PROPERTIES	TEST CONDITIONS	UNITS	TYPICAL VALUES	TYPICAL VALUES	
THICKNESS	.....	μ	30	50	70
		Gauge	120	200	280
THICKNESS TOLERANCE	.....	%	5		
UNIT WEIGHT	ASTM D 2673	g / m ²	27.2	45.3	63.4
YIELD	ASTM D 2673	m ² / kg	36.8	22.0	15.8
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	50 ± 20	
		TD		20 ± 5	
ELONGATION AT BREAK	ASTM D 882	MD	%	500 ± 100	
		TD		500 ± 100	
HEAT SEAL TEMPERATURE	3 Bar / 0.5 Sec	°C	105 - 145		
SEAL STRENGTH	130°C / 3 Bar / 0.5 Sec	N/15mm	> 25		
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.