

Non heat sealable, one side treated, transparent BOPP film for labels.

## Properties

- Low haze, superior transparency and gloss
- Excellent sheet flatness
- Good stiffness
- Low elongation

## Applications

Designed for bottle labelling applications.

PROPERTIES	TEST CONDITIONS		UNITS	TYPICAL VALUES		
THICKNESS	.....		μ	30	35	40
			Gauge	120	140	160
THICKNESS TOLERANCE	.....		%	5		
UNIT WEIGHT	ASTM D 2673		g / m <sup>2</sup>	27.2	31.7	36.2
YIELD	ASTM D 2673		m <sup>2</sup> / kg	36.8	31.5	27.6
HAZE	ASTM D 1003		%	< 2.0		
GLOSS	ASTM D 2457		%	90 ± 5		
OPTICAL DENSITY	MACBETH		.....	.....		
COEFFICIENT OF FRICTION*	ASTM D 1894	B/B*	.....	< 0.40		
		B/M*		< 0.25		
TENSILE STRENGTH	ASTM D 882	MD	N/mm <sup>2</sup>	120 ± 20		
		TD		270 ± 50		
ELONGATION AT BREAK	ASTM D 882	MD	%	170 ± 30		
		TD		45 ± 10		
HEAT SEAL TEMPERATURE	3 Bar / 0.5 Sec		°C	.....		
SEAL STRENGTH	130°C / 3 Bar / 0.5 Sec		N / 15 mm	.....		
WVTR	ASTM F 1249 38°C / 90% RH		g / m <sup>2</sup> / day	.....		
TREATMENT LEVEL	ASTM D 2578		dyne / cm	≥ 38		
HEAT SHRINKAGE	130°C / 7 mIn	MD	%	≤ 5.0		
		TD		≤ 3.0		

\*B/B : Nontreated side to nontreated side

\*All COF values are dynamic results

\*B/M : Nontreated side to 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.