

Non heat sealable, both sides treated, white opaque label BOPP film.

## Properties

- Good stiffness
- High gloss printing side
- Economical printing capability due to white opaque colour

## Applications

Designed especially for bottle labeling applications.

PROPERTIES	TEST CONDITIONS		UNITS	TYPICAL VALUES		
THICKNESS	.....		μ	35	38	45
			Gauge	140	152	180
THICKNESS TOLERANCE	.....		%	5		
UNIT WEIGHT	ASTM D 2673		g / m <sup>2</sup>	24.5 ± 1.0	26.6 ± 1.0	31.5 ± 1.0
YIELD	ASTM D 2673		m <sup>2</sup> / kg	40.8 ± 1.5	37.6 ± 1.5	31.7 ± 1.2
HAZE	ASTM D 1003		%	.....		
GLOSS	ASTM D 2457		%	100 ± 10		
OPTICAL DENSITY	MACBETH		.....	0.55 ± 0.05		
COEFFICIENT OF FRICTION*	ASTM D 1894	B/B*	.....	< 0.45		
		B/M*		< 0.30		
TENSILE STRENGTH	ASTM D 882	MD	N/mm <sup>2</sup>	90 ± 20		
		TD		200 ± 50		
ELONGATION AT BREAK	ASTM D 882	MD	%	140 ± 20		
		TD		38 ± 5		
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	6.5	6.0	5.0
TREATMENT LEVEL	ASTM D 2578		dyne / cm	≥ 38 (print side) ≥ 36 (back side)		
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.