

Both sides heat sealable, one side treated, white opaque BOPP film.

## Properties

- Good stiffness, very low density
- High gloss printing side
- Economical printing capability due to white opaque colour

## Applications

Designed especially for ice-cream packaging, lamination purposes and cold seal applications.

PROPERTIES	TEST CONDITIONS	UNITS	TYPICAL VALUES		
THICKNESS	.....	μ	33	35	38
		Gauge	132	140	152
THICKNESS TOLERANCE	.....	%	6		
UNIT WEIGHT	ASTM D 2673	g / m <sup>2</sup>	20.5 ± 1.3	21.7 ± 1.5	23.6 ± 1.7
YIELD	ASTM D 2673	m <sup>2</sup> / kg	48.9 ± 4.0	46.1 ± 3.5	42.4 ± 3.0
HAZE	ASTM D 1003	%	.....		
GLOSS	ASTM D 2457	%	> 100		
OPTICAL DENSITY	MACBETH	.....	0.50 ± 0.05	0.52 ± 0.05	0.55 ± 0.05
COEFFICIENT OF FRICTION*	ASTM D 1894	B/B*	< 0.40		
		B/M*	< 0.28		
TENSILE STRENGTH	ASTM D 882	MD	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	110 - 145		
SEAL STRENGTH	130°C / 3 Bar / 0.5 Sec	N / 15 mm	> 2.0		
WVTR	ASTM F 1249 38°C / 90% RH	g / m <sup>2</sup> / day	7.0	6.5	6.0
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.