

One side heat sealable at very low sealing temperature, other side treated and heat sealable, white pigmented BOPP film .

## Properties

- High protection against light for food packaging
- Whiteness eliminates need of white ink, therefore it reduces problems of residual solvents from printing
- Ultra low sealing temperature for high speed machines

## Applications

White film for surface print and lamination applications for high speed machines.

PROPERTIES	TEST CONDITIONS	UNITS	TYPICAL VALUES				
THICKNESS	.....	μ	20	25	30	35	40
		Gauge	80	100	120	140	160
THICKNESS TOLERANCE	.....	%	5				
UNIT WEIGHT	ASTM D 2673	g / m <sup>2</sup>	19.2±1.4	24±1.7	28.8±2	33.6±2.4	38.4±2.8
YIELD	ASTM D 2673	m <sup>2</sup> / kg	52±4	41.7±3	34.7±2.5	29.7±2	26±2
HAZE	ASTM D 1003	%	.....				
GLOSS	ASTM D 2457	%	50 ± 5				
OPTICAL DENSITY	MACBETH	.....	0.38±0.02	0.40±0.02	0.42±0.02	0.43±0.02	0.43±0.02
COEFFICIENT OF FRICTION	ASTM D 1894	B/B*	.....				
		B/M*	< 0.40				
TENSILE STRENGTH	ASTM D 882	MD	.....				
		TD	< 0.30				
ELONGATION AT BREAK	ASTM D 882	MD	120 ± 20				
		TD	270 ± 50				
HEAT SEAL TEMPERATURE	3 Bar / 0.5 Sec	°C	190 ± 40				
			45 ± 10				
SEAL STRENGTH	130°C / 3 Bar / 0.5 Sec	N / 15 mm	> 2.8			> 3.3	
WVTR	ASTM F 1249 38°C / 90% RH	g / m <sup>2</sup> / day	7.0	6.0	5.5	5.0	4.0
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.