

Both sides heat sealable, one side treated, 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
- Excellent moisture barrier properties

Applications

Particularly recommended for food packaging in order to obtain a high protection against light.

PROPERTIES	TEST CONDITIONS	UNITS	TYPICAL VALUES					
THICKNESS	.....	μ	18	20	25	30	35	40
		Gauge	72	80	100	120	140	160
THICKNESS TOLERANCE	.....	%	5					
UNIT WEIGHT	ASTM D 2673	g / m ²	17.3±1.2	19.2±1.4	24±1.7	28.8±2	33.6±2.4	38.4±2.8
YIELD	ASTM D 2673	m ² / kg	57.8±4	52±4	41.7±3	34.7±2.5	29.7±2	26±2
HAZE	ASTM D 1003	%	.....				
GLOSS	ASTM D 2457	%	55 ± 5					
OPTICAL DENSITY	MACBETH	.....	0.38±0.02	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*	< 0.35					
		B/M*	< 0.30					
TENSILE STRENGTH	ASTM D 882	MD	120 ± 20					
		TD	270 ± 50					
ELONGATION AT BREAK	ASTM D 882	MD	190 ± 40					
		TD	45 ± 10					
HEAT SEAL TEMPERATURE	3 Bar / 0.5 Sec	°C	110 - 145					
SEAL STRENGTH	130°C / 3 Bar / 0.5 Sec	N / 15mm	> 2.4	> 2.8			> 3.3	
WVTR	ASTM F 1249 38°C / 90% RH	g / m ² / day	7.0	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 : 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.