

Pearlised side heat sealable, metal side treated, pearlised metallized BOPP film.

Properties

- High yield due to low density
- Aluminium deposited side for printing
- Excellent moisture and oxygen barrier

Applications

Designed for ice-cream packaging and decorative purposes.

PROPERTIES	TEST CONDITIONS		UNITS	TYPICAL VALUES		
THICKNESS	.....		μ	35	38	40
			Gauge	140	152	160
THICKNESS TOLERANCE	.....		%	6		
UNIT WEIGHT	ASTM D 2673		g / m ²	23.8 ± 1.0	25.8 ± 1.1	27.2 ± 1.2
YIELD	ASTM D 2673		m ² / kg	42.0 ± 2.0	38.8 ± 1.7	36.8 ± 1.7
HAZE	ASTM D 1003		%	.....	
GLOSS	ASTM D 2457		%	.....	
OPTICAL DENSITY	MACBETH		.....	Opaque > 0.50 / Metallized > 2.8		
COEFFICIENT OF FRICTION*	ASTM D 1894	B/B*	.....	< 0.60		
		B/M*		< 0.30		
TENSILE STRENGTH	ASTM D 882	MD	N/mm ²	90 ± 20		
		TD		200 ± 50		
ELONGATION AT BREAK	ASTM D 882	MD	%	170 ± 30		
		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	> 2.0		
WVTR	ASTM F 1249 38°C / 90% RH		g / m ² / day	≤ 0.5		
OTR	ASTM D 3985 23°C / 0% RH		cm ³ /m ² /day	≤ 100		
TREATMENT LEVEL	ASTM D 2578		dyne / cm	≥ 36		
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.