

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 lamination to other substrates, ice-cream packaging and decorative purposes.

PROPERTIES	TEST CONDITIONS	UNITS	TYPICAL VALUES			
THICKNESS	.....	$\mu$	28	30	35	38
		Gauge	112	120	140	152
THICKNESS TOLERANCE	.....	%	6			
UNIT WEIGHT	ASTM D 2673	g / m <sup>2</sup>	19 ± 1.1	20.4 ± 1.1	23.8 ± 1.1	25.8 ± 1.1
YIELD	ASTM D 2673	m <sup>2</sup> / kg	52.6 ± 2.5	49.0 ± 2.2	42.0 ± 2.0	38.8 ± 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*	.....			
		B/M*	< 0.60			
TENSILE STRENGTH	ASTM D 882	MD	.....			
		TD	< 0.30			
ELONGATION AT BREAK	ASTM D 882	MD	N/mm <sup>2</sup>			
		TD	90 ± 20			
HEAT SEAL TEMPERATURE	3 Bar / 0.5 Sec	°C	170 ± 30			
			45 ± 10			
SEAL STRENGTH	130°C / 3 Bar / 0.5 Sec	N / 15mm	110 - 145			
WVTR	ASTM F 1249 38°C / 90% RH	g / m <sup>2</sup> / day	> 2.0			
OTR	ASTM D 3985 23°C / 0% RH	cm <sup>3</sup> /m <sup>2</sup> /day	≤ 0.5			
HEAT SHRINKAGE	130°C / 7 mIn	MD	≤ 100			
		TD	≤ 5.0			
		%	≤ 3.0			

\*B : Back side

\*All COF values are dynamic results

\*M : Metal

The climatic and storage conditions may influence the metallised surface treatment.

In-line corona treatment is recommended for lamination. An adequate primer on the metallized surface is suggested for printing.

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.

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