

Non heat sealable, both sides treated, transparent plain BOPP film.

### Properties

- Low haze, superior transparency and gloss
- Excellent sheet flatness
- Good stiffness
- High tensile strength

### Applications

General purpose lamination film, especially designed for cartoon lamination.

PROPERTIES	TEST CONDITIONS	UNITS	TYPICAL VALUES		
THICKNESS	.....	μ	12	15	20
		Gauge	48	60	80
THICKNESS TOLERANCE	.....	%	5		
UNIT WEIGHT	ASTM D 2673	g / m <sup>2</sup>	10.8	13.6	18.1
YIELD	ASTM D 2673	m <sup>2</sup> / kg	92.6	73.5	55.2
HAZE	ASTM D 1003	%	< 1.8		
GLOSS	ASTM D 2457	%	95 ± 5		
OPTICAL DENSITY	MACBETH	.....	.....		
COEFFICIENT OF FRICTION*	ASTM D 1894	B/B*	.....	< 0.45	
		B/M*		< 0.30	
TENSILE STRENGTH	ASTM D 882	MD	N/mm <sup>2</sup>	120 ± 20	
		TD		270 ± 50	
ELONGATION AT BREAK	ASTM D 882	MD	%	170 ± 30	
		TD		45 ± 10	
HEAT SEAL TEMPERATURE	3 Bar / 0.5 Sec	°C	.....		
SEAL STRENGTH	130°C / 3 Bar / 0.5 Sec	N / 15mm	.....		
WVTR	ASTM F 1249 38°C / 90% RH	g / m <sup>2</sup> / day	8.5	8.0	6.0
TREATMENT LEVEL	ASTM D 2578	dyne / cm	≥ 38 (both)		
HEAT SHRINKAGE	130°C / 7 mln	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.