

# CPP105 (Developmental Grade)



One side low heat sealable, other side treated, non oriented polypropylene film.

## Properties

- Excellent mechanical and optical properties
- Good resistance to tearing and perforation
- Excellent broad range heat sealability for high speed packaging applications
- Low SIT

## Applications

Designed especially for lamination to other flexible films for use at all high speed packaging machines.

PROPERTIES		TEST CONDITIONS UNITS		TYPICAL VALUES						
THICKNESS	.....	μ		25	30	35	40	45	50	60
		Gauge		100	120	140	160	180	200	240
THICKNESS TOLERANCE	.....	%	5							
UNIT WEIGHT	ASTM D 2673	g / m <sup>2</sup>	22.6	27.2	31.7	36.2	40.7	45.3	54.2	
YIELD	ASTM D 2673	m <sup>2</sup> / kg	44.2	36.7	31.5	27.6	24.6	22	18.5	
HAZE	ASTM D 1003	%	< 3.0			< 4.0		< 5.0		
GLOSS	ASTM D 2457	%	85 ± 5							
OPTICAL DENSITY	MACBETH	.....	.....							
COEFFICIENT OF FRICTION	ASTM D 1894	B/B*	.....	< 0.25						
		B/M*		< 0.20						
TENSILE STRENGTH	ASTM D 882	MD	N/mm <sup>2</sup>	70 ± 20						
		TD		25 ± 5						
ELONGATION AT BREAK	ASTM D 882	MD	%	500 ± 100						
		TD		500 ± 100						
HEAT SEAL TEMPERATURE	3 Bar / 0.5 Sec	°C	105 - 145							
WVTR	ASTM F 1249 38°C /	g / m <sup>2</sup> / day	<10.0	<9.5	<9.0	<8.5	<7.5	<7.0	<6.5	
TREATMENT LEVEL	ASTM D 2578	dyne / cm	> 36							
HEAT SHRINKAGE	130°C / 7 min	MD	%	0 ± 2.5						
		TD		0 ± 2.5						

\*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.