

CPP535 (Developmental Grade)



One side heat sealable, other side treated, non oriented polypropylene film for retort applications.

Properties

- Excellent mechanical properties
- Good seal strength after retort application.

Applications

Designed especially for lamination to other films for the usage of retort applications as sealant layer.

PROPERTIES	TEST CONDITIONS	UNITS	TYPICAL VALUES					
THICKNESS	.....	μ	40	45	55	60	75	80
		Gauge	160	180	220	240	300	320
THICKNESS TOLERANCE	.....	%	5					
UNIT WEIGHT	ASTM D 2673	g / m ²	36.2	40.7	49.9	54.4	68.0	72.5
YIELD	ASTM D 2673	m ² / kg	27.6	24.6	20.1	18.4	14.7	13.8
HAZE	ASTM D 1003	%	< 10.0					
GLOSS	ASTM D 2457	%	80 \pm 5					
OPTICAL DENSITY	MACBETH	.....	.....			
COEFFICIENT OF FRICTION	ASTM D 1894	B/B*	< 0.45					
		B/M*	< 0.25					
TENSILE STRENGTH	ASTM D 882	MD	70 \pm 20					
		TD	25 \pm 5					
ELONGATION AT BREAK	ASTM D 882	MD	500 \pm 100					
		TD	500 \pm 100					
HEAT SEAL TEMPERATURE	3 Bar / 0.5 Sec	°C	145					
SEAL STRENGTH	150°C / 3 Bar / 1 Sec	N/15mm	> 25					
WVTR	ASTM F 1249 38°C / 90% RH	g / m ² / day	...					
TREATMENT LEVEL	ASTM D 2578	dyne / cm	> 36					
HEAT SHRINKAGE	134°C / 45 min	MD	0 \pm 1.0					
		TD	0 \pm 1.0					

*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.