

Technical Information

CPE - Cast Polyethylene films

Standard Thickness 25, 30, 40, 50 microns

- Description : A Coextruded Cast Polyethylene Film with one side heat sealable layer.
 Application : **CPE** is usually applied for lamination with BOPP, NYLON and other substrates.
 It is applicable for either extrusion or dry lamination.
 Treatment : Available one side
 Features : - Good for liquid packaging.
 - Excellent heat seal strength.
 - Excellent coating adhesion.

PROPERTIES		TESTINGS METHOD	TYPICAL VALUE (25)*	UNIT
MECHANICAL				
Tensile Strength	MD	ASTM D - 882	> 2.0	Kg / mm ²
	TD		> 2.0	
Elongation	MD	ASTM D - 882	> 800	%
	TD		> 800	

PHYSICAL

Coefficient of Friction	Film to Film (Ntr/ntr)	ASTM D - 1894	0.4 Max	-
Haze		ASTM D - 1003	8.0 Max	%
Heat Seal Range		-	110 - 130	°C
Heat Seal Strength		BTI Methode 120°C / 1bar / 1 sec	> 400	g / 15mm

THERMAL

Thermal Shrinkage (AT 120 °C / 15Min)	MD	ASTM D - 1204	1.0 Max	%
	TD		1.0 Max	

BARRIER

WVTR		ASTM F- 1249	< 15	g / m ² / day 38°C / 90% RH
O ₂ TR		ASTM F - 1927	< 4000	cc / m ² / day 23°C
Corona (Surface Tension)		ASTM D - 2578	≥ 38	Dyne / Cm

*) The Above data are given for reference only

GENERAL INFORMATION

- Slit Width mm. - As per customer requirement
- Standard Length meter - 4.000 / 6.000 / 8.000

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