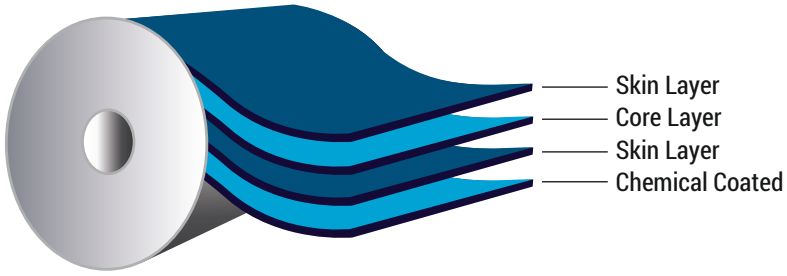
CHIRIPAL
POLY FILMS LIMITED



CHEMICAL COATED BOPET FILM

PRODUCT DESCRIPTION

Chiripal Poly Films CPT20 is Biaxially Oriented Transparent Polyester film with inside chemical coated and outside plain. Chemical coated side is suitable for Printing.
This is also available as outside chemical coated and inside plain

FEATURES

- Excellent stiffness & mechanical properties.
- Chemical coating side enhances the ink adhesion in printing, and
- resulting a good laminate bond strength
- Excellent transparency and surface properties.
- Suitable for UV and solvent based ink system.
- Excellent machine ability & dimensional stability over a wide range of temperature.

APPLICATION

- Suitable for packaging food and non- food like tea, coffee, shampoo, pesticides liquid detergent etc.
- Suitable for carton laminatIon (UV Inks or coatings)
- Suitable for liquid packaging

PROPERTIES		UNIT	TEST METHOD	CP08T 20	CP10T 20	CP12T 20	CP19T 20	CP23T 20
Nominal Thickness		Micron	Internal Method	8	10	12	19	23
		Gauge		32	40	48	76	92
		m^2/kg		89.2	71.4	59.6	37.6	31.1
MECHANICAL PROPERTIES (Min)								
Tensile Strength	MD	kg/cm^2	ASTM D-882	2200	2200	2200	2200	2100
	TD			2100	2100	2100	2100	2000
Elongation Break	MD	%	ASTM D-882	100	100	100	110	110
	TD			90	90	90	90	90
THERMAL PROPERTIES (Max)								
Thermal Shrinkage (at 150°C /30 mins)	MD	%	ASTM D-1204	2.4	2.4	2.4	2.4	2.4
	TD			0.4	0.4	0.4	0.4	0.4
SURFACE PROPERTIES (Max)								
COF (Film to Film)	Static	-	ASTM D-1894	0.44	0.44	0.44	0.44	0.44
	Dynamic			0.34	0.34	0.34	0.34	0.34
SURFACE TENSION								
Plain Side		Dyne/cm	ASTM D-2578	44	44	44	44	44
Coated Side		Dyne/cm	ASTM D-2578	40	40	40	40	40
OPTICAL PROPERTIES								
Haze (Max)		%	ASTM D-1003	3.0	3.0	3.0	3.5	4.0
Light Transmission			ASTM D-1003	88	88	88	88	88
BARRIER PROPERTIES								
WVTR, 37.7°C, 90% RH		gm/m^2m /day	ASTM F-1249	40	40	40	40	40
O2 Permeability 23°C, 0%RH		cm^3/m^2 /day	ASTM D-3985-95	130	130	130	130	130

Note : MD – Machine Direction, TD – Transverse Direction, COF - Co-efficient of Friction

Updated as on September 2022

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