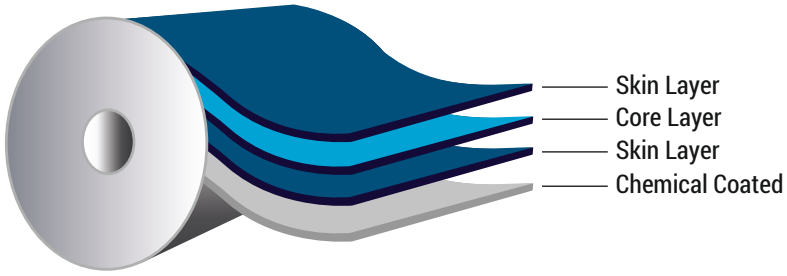
CHIRIPAL
POLY FILMS LIMITED



CHEMICAL COATED BOPET FILM

PRODUCT DESCRIPTION

Chiripal Poly Films CPTR00 is Bi-axially Oriented Transparent Polyester film with inside chemical coated and outside Plain. Chemical coated side is suitable for printing

FEATURES

- Excellent performance in Retort and Pasteurization
- Excellent stiffness & mechanical properties
- Coating side enhances the ink adhesion in printing
- Excellent transparency and surface properties

Excellent machine ability & dimensional stability over a wide range of temperature.

• It gives excellent inter layer bond strength in laminates.

APPLICATION

- Used for high performance applications like Pasteurization, Retort (Semi and Full Retort condition)
- Suitable for aggressive medium and condition like Hot fills, other liquid packaging

PROPERTIES		UNIT	TEST METHOD	CP19TR00	CP23TR00
Nominal Thickness		Micron	Internal Method	19	23
		Gauge		76	92
Yield		m^2/kg		37.6	31.1
MECHANICAL PROPERTIES (Min)					
Tensile Strength	MD	Kg/cm^2	ASTM D-882	2200	2200
	TD			2100	2100
Elongation Break	MD	%	ASTM D-882	100	100
	TD			90	90
THERMAL PROPERTIES (Max)					
Thermal Shrinkage (at 150°C /30 mins)	MD	%	ASTM D-1204	2.4	2.4
	TD			0.4	0.4
SURFACE PROPERTIES (Max)					
COF (Metal to Film)	Static	-	ASTM D-1894	0.45	0.45
	Dynamic			0.35	0.35
SURFACE TENSION					
Plain Side		Dyne/cm	ASTM D-2578	44	44
Coated Side				42	42
Optical Properties					
Haze (Max)		%	ASTM D-1003	3.0	3.0
Light Transmission				88	88
BARRIER PROPERTIES					
WVTR, 37.7°C, 90% RH		gm/m^2 /day	ASTM F-1249	4.0	4.0
O2 Permeability 23°C, 0%RH		cm^3/m^2 /day	ASTM D-3985-95	130	130

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

Updated as on May 2022

FOOD CONTACT : Chiripal Poly Films complies with EC and FDA regulations. Specific documents and MSDS are available upon request

STORAGE & HANDLING : A storage temperature below 30°C & humidity 55±5 % is recommended in orderto avoid any deterioration of the film surface properties. Excess humidity and heat can cause problem such as fast treatment decay,which can affect the quality of printing and coating. It is advisable to use the material on FIFO basis.

DISCLAIMER: The property given in the technical data sheet do not constitute product specification but represent typical performance values based on the best of our knowledgeand believed to be accurate. These are given in good faith but it is for the customer to satisfy of the suitability for its own particular purpose. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability / compatibility in all respects. Chiripal Polyfilm doesnot guarantee the typical values. Chiripal Poly reserves the right to change the technical data sheet at any time for enhancing the quality of the products without prior information.

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