



## RELEASE LINER BOPET FILM

### PRODUCT DESCRIPTION

Chiripal Poly Films CPSL00 is Biaxially Oriented Transparent Polyester film with both side Plain. This film is suitable as a base film for Silicone release Liner

### FEATURES

- Good clarity and transparency.
- Good adhesion to Silicone based coating system
- Excellent mechanical & thermal properties
- Excellent dimensional stability

### APPLICATION

- Release Liner

PROPERTIES		UNIT	TEST METHOD	CP12SL 00	CP19SL 00	CP23SL 00	CP30SL 00	CP36SL 00
Nominal Thickness		Micron	Internal Method	12	19	23	30	36
		Gauge		48	76	92	120	144
Yield		m²/kg		59.6	37.6	31.1	23.8	20
MECHANICAL PROPERTIES (Min)								
Tensile Strength	MD	Kg/cm²	ASTM	2200	2200	2200	2100	1900
	TD		D-882	2100	2100	2100	2000	1800
Elongation Break	MD	%	ASTM	110	110	110	110	110
	TD		D-882	100	100	100	100	100
THERMAL PROPERTIES (Max)								
Thermal Shrinkage <small>(at 190°C /20 mins)</small>	MD	%	ASTM D-1204	3.0	3.0	3.0	3.0	3.0
	TD			-0.4	-0.4	-0.4	-0.4	-0.4
SURFACE PROPERTIES (Max)								
COF <small>(Film to Film)</small>	Static	-	ASTM	0.48	0.48	0.48	0.48	0.48
	Dynamic		D-1894	0.42	0.42	0.42	0.42	0.42
SURFACE TENSION								
Plain Side		Dyne/cm	ASTM D-2578	44	44	44	44	44
OPTICAL PROPERTIES								
HAZE (Max)		%	ASTM D-1003	3.0	3.0	4.0	4.2	4.5
LIGHT TRANSMISSION		%		88	88	88	88	88
BARRIER PROPERTIES								
WVTR, 37.7°C, 90% RH		gm/m² /day	ASTM F-1249	40	40	40	40	40
O2 Permeability 23°C, 0%RH		cm³/m² /day	ASTM D-3985-95	130	130	130	130	130

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

**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 order to 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 knowledge and 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 does not 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.