



PRODUCT DESCRIPTION

Chiripal Poly Films PUU is white cavitated co-extruded both side heat sealable film has one side non treated, ultra-ultra low sealing threshold with low COF and other side is normal sealable corona treated surface

PROPERTIES	UNIT	TEST METHOD	CB25HI-PUU	CB30HI-PUU	CB35HI-PUU	CB40HI-PUU	CB45HI-PUU
Nominal Thickness (± 5%)	Micron	Internal	25	30	35	40	45
	Gauge		100	120	140	160	180
Unit Weight (±5%)	gm/m ²		17.5	21	24.5	28	31.5
Yield	m2/kg		57.1	47.6	40.8	35.7	31.7

MECHANICAL PROPERTIES

Tensile Strength	MD	kg/cm ²	ASTM D-882	600 - 800			
	TD			1200 - 1600			
Elongation Break	MD	%	ASTM D-882	120 - 180			
	TD			25 - 80			

THERMAL PROPERTIES

Thermal Shrinkage (at 120°C / 5 mins)	MD	%	ASTM D-1204	<4.0			
	TD			<2.0			
Heat Seal Range (NT side)		°C	Internal	85 - 140			
Sealing Strength (NT side) (120°C/2 Bar/1 sec)		gm/25mm	Internal	>400			

PRODUCT FEATURES

- * Excellent pearlescent white appearance
- * Excellent sealing properties & hot tack
- * Ultra-ultra low seal initiation temperature
- * Excellent antistatic and slip properties
- * Excellent printability and suitable for lamination with other substrates
- * Excellent optical properties
- * Very good stiffness & mechanical Properties
- * Excellent surface treatment retention.

SURFACE PROPERTIES

Coefficient of Friction (NT/NT)	Dy	-	ASTM D-1894	0.25 - 0.35			
Surface Tension (min)		Dyne/cm	ASTM D-2578	38			

OPTICAL PROPERTIES

Transmittance (± 5%)	%	ASTM D-1003	36	34	32	30	28
Gloss at 45°	-	ASTM D-2457	>50				

BARRIER PROPERTIES

WVTR, 38°C, 90% RH	gm/m ² /day	ASTM F 1249	7.2	6.1	5.2	4.5	4.3
--------------------	------------------------	-------------	-----	-----	-----	-----	-----

Note: MD – Machine Direction, TD – Transverse Direction, NT - Non Treated

APPLICATIONS

- * Single / two ply printing & lamination
- * Food packaging for snacks, ice cream and others
- * Confectionery, Bakery packaging
- * Health and beauty care packaging
- * Very high speed FFS machine packaging
- * Pouching & overwrap
- * Available in inside / outside corona treated as per customer requirement

FOOD CONTACT

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

STORE & 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.