



PRODUCT DESCRIPTION

Chiripal Poly Films WH is solid white opaque co-extruded with both side heat sealable and one side corona treated bopp film.

PROPERTIES		UNIT	TEST METHOD	CB15HI-W	CB18HI-W	CB20HI-W	CB25HI-W	CB30HI-W	CB40HI-W	CB50HI-W
Nominal Thickness (± 5%)		Micron	Internal	15	18	20	25	30	40	50
		Gauge		60	72	80	100	120	160	200
Unit Weight (±5%)		Gm/m²		14.3	17.1	19.0	23.8	28.5	38.0	47.5
Yield		M²/kg		70.175	58.5	52.6	42.1	35.1	26.3	21.1
		in²/lb		49338	41115	37004	29603	24669	18502	14801
MECHANICAL PROPERTIES										
Tensile Strength	MD	kg/cm²	ASTM D-882	1000 - 1200						
	TD			2200 - 2600						
Elongation Break	MD	%	ASTM D-882	140 - 240						
	TD			40 - 90						
THERMAL PROPERTIES										
Thermal Shrinkage (at 120°C / 5 mins)	MD	%	ASTM D-1204	<5.0						
	TD			<3.0						
Heat Seal Range (NT side)		°C	Internal	105 - 140						
Sealing Strength (NT side) (120°C/2 Bar/1 sec)		Gm/25mm	Internal	350	400					
SURFACE PROPERTIES										
Coefficient of Friction (NT/NT)	Dy	-	ASTM D-1894	0.30 - 0.45						
Surface Tension (min)		Dyne/cm	ASTM D-2578	38						
OPTICAL PROPERTIES										
Transmittance		%	ASTM D-1003	48	45	43	40	38	34	33
Gloss at 45°		%	ASTM D-2457	> 50						
Note: MD – Machine Direction, TD – Transverse Direction, NT - Non Treated										

PRODUCT FEATURES

- * Solid white appearance
- * Outstanding opacity and whiteness
- * Excellent sealing properties & hot tack
- * Excellent printability and lamination
- * Very good light protection
- * Good stiffness
- * Excellent antistatic & slip properties

APPLICATIONS

- * Single/two ply printing & lamination
- * Confectionery, Bakery packaging
- * Frozen food packaging
- * Health and beauty care 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.