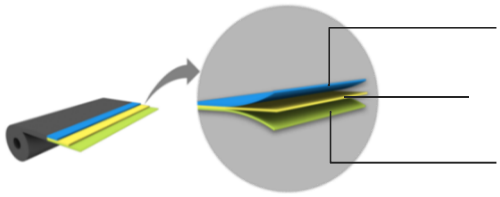
CHIRIPAL POLY FILMS LIMITED

AFC | **ANTIFOG BOPP FILM**



PRODUCT DESCRIPTION

Chiripal Poly Films AFC is transparent coextruded both side heat sealable, one side ANTIFOG film.

PRODUCT FEATURES

* Excellent Antifog effect
* Excellent antistatic & slip properties
* Excellent printability & suitable for lamination with other substrates

PROPERTIES		UNIT	TEST METHOD	CB20HO-AFC	CB25HO-AFC	CB30HO-AFC	CB35HO-AFC	CB45HO-AFC	CB50HO-AFC
Nominal Thickness (±5%)		Micron	Internal	20	25	30	35	45	50
		Gauge		80	100	120	140	180	200
Unit Weight (± 5%)		Gm/m²		18.2	22.8	27.3	31.9	41.0	45.5
Yield		M^2/kg		54.9	44.0	36.6	31.4	24.4	22.0
MECHANICAL PROPERTIES									
Tensile Strength	MD	kg/cm²	ASTM D-882	1200 - 1400					
	TD			2800 - 3100					
Elongation Break	MD	%	ASTM D-882	170 - 260					
	TD			40 - 80					
THERMAL PROPERTIES									
Thermal Shrinkage (at 120°C / 5 mins)	MD	%	ASTM D-1204	< 6.0					
	TD			< 3.0					
Heat Seal Range (AF side)		ºC	Internal	115 - 140					
Sealing Strength (AF side)		gm/25mm	Internal	400 - 500					
SURFACE PROPERTIES									
Coefficient of Friction (AF/AF)	Dy	-	ASTM D-1894	0.25 - 0.35					
Surface Tension (Non AF Side)		Dyne/cm	ASTM D-2578	38					
OPTICAL PROPERTIES									
Haze (max)		%	ASTM D-1003	3.0					
Gloss at 45°		-	ASTM D-2457	85 - 90					
ANTIFOG PROPERTIES									
Antifog Test		Internal	Rating (A to E) A-Poor, D-Good E-Excellent	E - Excellent					
BARRIER PROPERTIES									
WVTR, 38ºC, 90% RH		gm/m²/day	ASTM F 1249	8.0	7.5	6.5	6.0	5.3	5.0
OTR 23ºC, 0% RH		cm³/m²/day	ASTM D 3985	2650	2500	2450	2400	2300	2200

Note: MD – Machine Direction, TD – Transverse Direction, AF - Antifog Side

APPLICATIONS

* Cold fog application
* Fresh vegetable / fruit / packaging
* Meat Packaging
* Single / two ply printing lamination

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 within six months from the date of production.

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 and will not bear any consequential loss occurred . Chiripal Poly reserves the right to change the technical data sheet at any time for enhancing the quality of the products without prior information.