



Protective Barrier & Printable Top Coating Layer
AlOx Layer
Clear BOPET film
Plain/Treated Surface

PROVISIONAL

PRODUCT DESCRIPTION

AlOx with protective barrier top coated BOPET film.

FEATURES

- ▶ Excellent Moisture, Oxygen and Aroma barrier properties
- ▶ High Clarity
- ▶ AlOx coated surface is suitable for reverse printing and lamination with other substrates
- ▶ Environmentally friendly

APPLICATION

- ▶ See through applications
- ▶ Suitable for confectionaries, dried meat snacks, cheese, dry pet foods, ground coffee etc

ULTRA HIGH BARRIER PACKAGING COATED FILM

PROPERTIES		UNIT	TEST METHOD	CCP10.5AX	CCP12.5AX	CCP23.5AX
Nominal Thickness		Micron	Internal Method	10.5	12.5	23.5
		Gauge		42	50	94
		Mil		0.42	0.5	0.94
Unit Weight (± 5%)		gm/m²		14.5	17.5	32.7
		lbs/ream		8.9	10.7	20.0
Yield		m²/kg		69	57.1	30.6
		in²/lb		48487	40145	21514
OPTICAL PROPERTIES						
Haze (Max)		%	ASTM D-1003	3.0		
SURFACE PROPERTIES						
COF (A/B)	Static	-	ASTM D 1894	0.40-0.50		
	Dynamic			0.30-0.40		
Surface Tension	Coated Side	Dynes/cm	ASTM D-2578	54		
	Corona side			50		
THERMAL PROPERTIES						
Thermal Shrinkage (150°C /30 mins)	MD	%	ASTM D-1204	2.5		
	TD			0.5		
MECHANICAL PROPERTIES						
Tensile Strength	MD	Kg/cm²	ASTM D-882	1800-2100		
	TD			1800-2000		
Elongation Break	MD	%	ASTM D-882	90-110		
	TD			70-90		
BARRIER PROPERTIES						
WVTR,38°C,90% RH (max.)		gm/m²/day	ASTM F1249	1.0-1.5		
		gm/100in²/day		0.06-0.10		
OTR,23°C,0% RH (max.)		cc/m²/day	ASTM D3985	1.0-1.5		
		cc/100in²/day		0.06-0.10		

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

Note: Handle the film with care during printing & lamination processes to retain high barrier properties

DISCLAIMER: The property given in the present technical data sheet does not constitute product specification but represents typical performance values based on the best of our knowledge and believed to be accurate. These are given in good faith, and the Customer is requested to satisfy its suitability for its particular purpose. The user is solely responsible for the end-use of the product and needs to perform tests to confirm the product suitability/compatibility in all respects. Chiripal Poly Films does not guarantee typical values and reserves the right to change the technical datasheet anytime required to enhance the quality of the products without prior information.