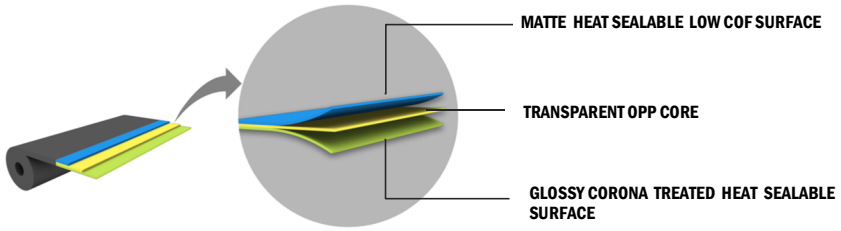
CHIRIPAL
POLY FILMS LIMITED

UMT | **MATTE BOPP FILM**



PRODUCT DESCRIPTION

Chiripal Poly Films UMT is extruded film with both side heat sealable and having matte appearance on one side, and corona treated glossy surface on other side.

PROPERTIES		UNIT	TEST METHOD	CB18HI-UMT	CB20HI-UMT	CB25HI-UMT	CB30HI-UMT
Nominal Thickness (±5%)		Micron	Internal	18	20	25	30
		Gauge		72	80	100	120
Unit Weight (± 5%)		gm/m²		15.6	17.3	21.6	26.0
Yield		m2/kg		64.2	57.8	46.2	38.5
MECHANICAL PROPERTIES							
Tensile Strength	MD	kg/cm²	ASTM D-882	1100 - 1300			
	TD			2200 - 2600			
Elongation Break	MD	%	ASTM D-882	140 - 240			
	TD			40 - 80			
THERMAL PROPERTIES							
Thermal Shrinkage (at 120°C / 5 mins)	MD	%	ASTM D-1204	<5.0			
	TD			<3.0			
Heat Seal Range	Matt	°c		108 - 140			
	Glossy		Internal	105 - 140			
Sealing Strength (120°C/2 Bar/1 sec)		gm/25mm	Internal	>400			
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							
Haze		%	ASTM D-1003	60 - 70			
Gloss at 45° (Matt Side)		-	ASTM D-2457	5 - 15			

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

PRODUCT FEATURES

* Excellent matte appearance
* Excellent anchorage of inks & adhesives
* Excellent antistatic and slip properties
* Excellent surface treatment retention
* Good dimensional stability

APPLICATIONS

* Paper and board lamination
* Printed posters/ calendars/ book covers lamination
* Reverse printing and lamination
* Conversion

* 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 orderto 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 knowledgeand 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 doesnot 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.