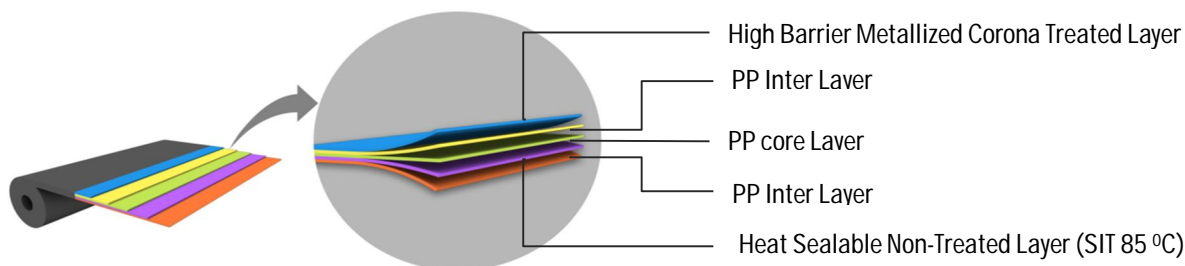


METALLIZED CPP FILM - HIGH BARRIER & HIGH METAL BOND STRENGTH

CAPP - MBHUU

(PROVISIONAL DATA SHEET)



PRODUCT DESCRIPTION

CAPP-MBHUU is metallized high oxygen & moisture barrier and high metal bond strength cast polypropylene (CPP) film

PRODUCT FEATURES

- Ultra-Ultra low SIT
- High barrier
- High metal bond strength
- Excellent Sealing strength.

APPLICATIONS

- Packaging and conversion.
- Confectionary, Snacks and chips packaging
- Biscuits, cookies and crackers packaging

PROPERTIES		UNIT	TEST METHOD	CAPP - MBHUU	
Nominal Thickness (±5%)		μ	D-374	22	25
Grammage (±5%)		gm/ m²	CPFTM	20.0	22.7
Yield		m²/kg		50.0	44.0
MECHANICAL PROPERTIES					
Tensile strength	MD	Kg/cm²	D-882	550 - 700	
	TD			200 - 300	
Elongation at Break	MD	%		600 - 700	
	TD			700 - 800	
THERMAL PROPERTIES					
Sealing Strength (130°, 2 bar, 1 second)	NT Side	gm/25mm	CPFTM	1800 - 2400	
Hot Tack (130°, 2 bar, 1 second)	NT Side	gm/25mm	CPFTM	500 - 750	
Seal initiation temperature (±3 °C)	NT Side	°C	CPFTM	85	
Metal bond strength	-	gm/25mm	CPFTM	220 - 260	
SURFACE PROPERTIES					
Coefficient of Friction	NT Side	Kinetic	D-1894	0.30 - 0.65	
OPTICAL PROPERTIES					
Optical Density		-	CPFTM	2.5 – 2.8	
BARRIER PROPERTIES					
WVTR (38°C, 90% RH)		Gm/m²/day	F-1249	< 0.5	
OTR (23°C, 0% RH)		Cc/m²/day	D-3985	< 50	

FOOD CONTACT

CPF - CPP products complies with EC and FDA regulations. Specific documents and MSDS are available upon request.

STORE & HANDLING

A storage temperature below 30°C & humidity 55 \pm 5% is recommended 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 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 Poly film 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.