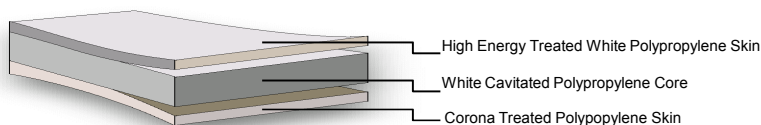


PL - Cavitated White Label

BIAXIALLY ORIENTED POLYPROPYLENE FILM
NON HEAT-SEALABLE FOR FOOD PACKAGING



AMTOPP BOPP FILMS

Characteristics

- Non Heat-Sealable
- White Cavitated High Opacity
- High Energy Flame Treated for excellent ink adhesion and adhesive and extrusion lamination
- Excellent Flatness

TECHNICAL DATA

PROPERTIES	TEST METHOD	UNITS	TYPICAL VALUES			
			PL25	PL30	PL40	PL50
THICKNESS	AmTopp	mil (μm)	1.0 (25)	1.15 (29)	1.52 (39)	2.17 (55)
YIELD	AmTopp	in ² /lb (m ² /kg)	44,000 (62.5)	38,400 (54.6)	28,100 (40.0)	19,700 (28.0)
OPACITY	ASTM D589-97	%	76	82	88	93
TENSILE STRENGTH (MD)	ASTM D 882	lb/in ² (kg/cm ²)	10,000 (700)			
TENSILE STRENGTH (TD)	ASTM D 882	lb/in ² (kg/cm ²)	20,000 (1,400)			
ELONGATION AT BREAK (MD)	ASTM D 882	%	110			
ELONGATION AT BREAK (TD)	ASTM D 882	%	50			
DIMENSIONAL STABILITY (MD)	266 °F, 5min (130° C, 5 min)	%	<5			
DIMENSIONAL STABILITY (TD)	266 °F, 5min (130° C, 5 min)	%	<3			
SURFACE ENERGY (High Energy Flame Side)	ASTM D 2578	dyne/cm	38			
SURFACE ENERGY (Corona Treated Side)	ASTM D 2578	dyne/cm	36			

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Applications

- Inner ply of laminated roll-fed bottle labels, with clear BOPP over-laminate

The above properties and results obtained refer to the average values of laboratory testing carried out on sample AmTopp product. AmTopp does not guarantee testing accuracy and makes no guarantee of product performance, safety or suitability, either expressed or implied, when used alone or in combination with other products. AmTopp strongly urges users to undertake independent testing in order to verify the suitability of the product for whatever intended use. AmTopp assumes no responsibility for any damage or injury sustained as a result of the use of its products.