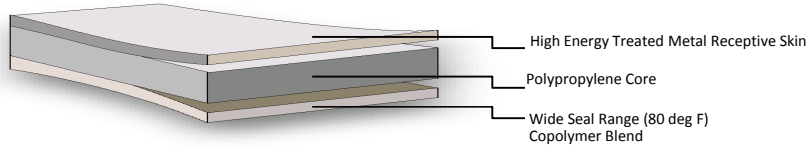


CE - Metalizable Base CoEx Heat Sealable

BIAXIALLY ORIENTED POLYPROPYLENE FILM
ONE SIDE SEALABLE FOR FOOD PACKAGING



AMTOPP BOPP FILMS

Characteristics

- Wide Heat Seal Range
- High Energy Flame Treated for excellent metal adhesion
- Superior Optical Properties
- Good Hot Tack
- Excellent Flatness

Applications

- In house or toll metalizing for heat sealable snack laminations
- Inside web of adhesive or extrusion laminations for VFFS packages

TECHNICAL DATA

PROPERTIES	TEST METHOD	UNITS	TYPICAL VALUES
			CE18
THICKNESS	AmTopp	mil (μm)	.69 (18)
YIELD	AmTopp	in ² /lb (m ² /kg)	44,400 (63.1)
HEAT SEAL INITIATION	1/2 sec, 30 PSI	Deg F (Deg C)	220 (104)
TENSILE STRENGTH (MD)	ASTM D 882	lb/in ² (kg/cm ²)	17,000 (1,200)
TENSILE STRENGTH (TD)	ASTM D 882	lb/in ² (kg/cm ²)	30,000 (2,100)
ELONGATION AT BREAK (MD)	ASTM D 882	%	190
ELONGATION AT BREAK (TD)	ASTM D 882	%	70
HAZE	ASTM D1003-61	%	2.5
WATER VAPOR TRANSMISSION RATE (WVTR)	ASTM F 1249 100°F (38°C), 90% RH	g/100in ² /24h (g/m ² /24h)	0.45 (7.0)
OXYGEN TRANSMISSION RATE (OTR)	ASTM D 3985 72°F (22°C), 0% RH	cc/100in ² /24h (cc/m ² /24h)	140 (2,170)
DIMENSIONAL STABILITY (MD)	266 °F, 5min (130° C, 5 min)	%	<5
DIMENSIONAL STABILITY (TD)	266 °F, 5min (130° C, 5 min)	%	<3
SURFACE ENERGY	ASTM D 2578	dyne/cm	40

Rev. January 2014

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.