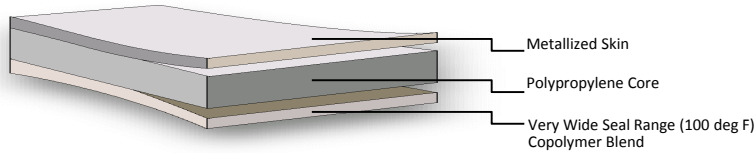


KM - Metallized Superior Seal Strength

BIAXIALLY ORIENTED POLYPROPYLENE FILM
ONE SIDE SEALABLE FOR FOOD PACKAGING



AMTOPP BOPP FILMS

Characteristics

- Very Wide Heat Seal Range
- Superior metal adhesion and resistance to "crazing" of metal layer
- Superior Seal Strength
- Good Moisture Barrier and moderate OTR
- Good Hot Tack
- Excellent Flatness

Applications

- Heat sealable snack laminations that require a superior seal strength

TECHNICAL DATA

PROPERTIES	TEST METHOD	UNITS	TYPICAL VALUES
			KM35
THICKNESS	AmTopp	mil (μm)	1.38 (35)
YIELD	AmTopp	in^2/lb (m^2/kg)	22,200
			31.6
HEAT SEAL INITIATION	1/2 sec, 30 PSI	Deg F (Deg C)	200 (93)
TENSILE STRENGTH (MD)	ASTM D 882	lb/in^2 (kg/cm^2)	18,000 (1,265)
TENSILE STRENGTH (TD)	ASTM D 882	lb/in^2 (kg/cm^2)	24,000 (1,690)
ELONGATION AT BREAK (MD)	ASTM D 882	%	190
ELONGATION AT BREAK (TD)	ASTM D 882	%	80
OPACITY	ASTM D589-97	%	>99
OPTICAL DENSITY	TOBIAS DENSITOMETER	%	2.3
WATER VAPOR TRANSMISSION RATE (WVTR)	ASTM F 1249 100°F (38°C), 90% RH	$\text{g}/100\text{in}^2/24\text{h}$ ($\text{g}/\text{m}^2/24\text{h}$)	0.02 (0.31)
OXYGEN TRANSMISSION RATE (OTR)	ASTM D 3985 72°F (22°C), 0% RH	$\text{cc}/100\text{in}^2/24\text{h}$ ($\text{cc}/\text{m}^2/24\text{h}$)	3 (47)

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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.