StockPKG FILMS

BOPE02

LOW DENSITY BOPE FILM

Technical Data Sheet

DESCRIPTION

A proprietary film only offered by StockPKG Films. With good stiffness and enhanced visual clarity, this film boasts excellent machinability. A TRUE ready-recyclable product.

FEATURES

- Both sides sealable
- Superior stiffness and heat resistance
- External treatment
- Excellent dimensional stability

APPLICATIONS

- Horizontal & veritical food packaging
- Printing available on one face
- Can be used in adhesive applications
- Suitable for direct contact with food

PROPERTIES	TEST METHOD	UNIT	TYPICAL VALUE					
Thickness	ASTM E 252	micron	18	20	25	30	35	50
		gauge	70	80	100	120	140	200
Yield	Internal Method	m^2 / kg	16.7	18.6	23.3	27.9	32.6	46.5
		in^2 / lb	42,101	37,800	30,175	25,200	21,567	15,120
Sealing Strength	DIN 55529	N / 15mm	≥ 4.5	≥ 4.5	≥ 4.5	≥ 5	≥ 5	≥ 9
SIT (Non-Treat to Non-Treat)	DIN 55529	°C	≤ 100					
Tensile Strength	ISO 527	psi MD	≥ 10,878					
		psi TD	≥ 18,855					
	ISO 527	kg / cm^2 MD	≥ 765					
		kg / cm^2 TD	≥ 1325					
Elongation	ISO 527	% MD	≤ 350					
		% TD	≤ 120					
Young Modulus	ISO 527-1	psi MD	≥ 174,045					
		psi TD	≥ 253,816					
Kinetic COF	ISO 8295	-	≤ 0.35					
Treatment (Treated Side)	ASTM D 2578	Dyne	≥ 38					
Gloss 45^0 (Treated Side)	ASTM D 2457	GU	≥ 85					
Opacity / Haze	ASTM D 1003	%	≤ 4					≤ 6
OTR (0% HR, 23°C)	ISO 15105-2:2003	cc / m^2 / day	< 10,000					< 4,000
		cc / 100in^2 / day	< 645					< 258
WVTR (90% HR, 38°C)	ASTM F 1249-13	g / m^2 / day	< 20					< 15
		g / 100in^2 / day	<1.29					< 0.97

MD = Machine Direction **TD = Transverse Direction**

Storage & Handling: Needs to be stocked in a closed warehouse & should not be exposed to direct sun light or light sources. Avoid extreme of humidity and heat. It is recommended to store below 40°C in dry places in original packing.

Food Contact: Complies with EC (EU 202/2014 & EU 10/2011) and FDA (21 CFR § 175.105 & 21 CFR § 175.300) regulations on packaging for direct contact with foodstuffs. Specific document and MSDS are available on request.

StockPKG Films **O BOX 461059 Papillion, NE 680** **402-506-9080** **StockPKGFilms.com**