

DESCRIPTION

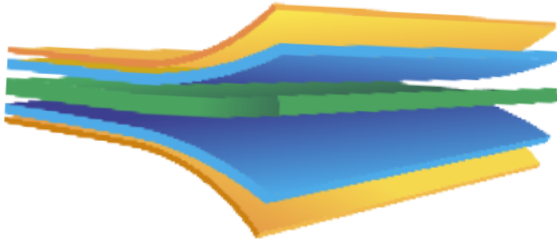
This film is a 5 layer BOPP film with one side PVDC coated and one side acrylic coated. PVDC provides excellent moisture and aroma barriers while the acrylic coating exhibits excellent ink adhesion. Processing Methods: Rotogravure, Flexographic, FFS Packaging Machines. Surface printing unsupported.

FEATURES

- Good Optical & Sealing Properties
- Good Surface Treatment Retention
- Good Odor and Barrier Properties
- Wide Heat Seal and Hot Tack Window

APPLICATIONS

- Snacks
- Single Web Structures
- Bakery and Cheese Packaging



- PVDC COATED SKIN LAYER
- MODIFIED INTERMEDIATE LAYER
- OPP CORE LAYER
- MODIFIED INTERMEDIATE LAYER
- ACRYLIC COATED SKIN LAYER

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUE					
PHYSICAL PROPERTIES									
Nominal Thickness			Micron	21	26	31	35	41	52
			Gauge	88	104	124	140	164	208
Grammage	Internal		g / m ²	20	24	29	33	39	49
Yield			m ² / kg	51	41	34	30	26	20
Density			in ² / lb	35850	28821	23900	21088	18277	14059
			g / cc	0.94					
MECHANICAL PROPERTIES									
Tensile Strength	MD	ASTM D 882	kg / cm ²	1350					
	TD			2300					
Elongation Break	MD		%	200					
	TD			50					
SURFACE PROPERTIES									
COF	KINETIC	ASTM D 1894	A/A	0.3					
			B/B	0.35					
THERMAL PROPERTIES									
Thermal Shrinkage (at 120°C / 5 mins)	MD / TD	ASTM D 1204	%	5 / 2					
Seal Initiation Temp	ACRYLIC	Internal	° C	95					
	PVDC			100					
Heat Seal Strength 120°C / 2 Bar / 1 Second	ACRYLIC		gm / 25mm	450	500		600		
	PVDC								
OPTICAL PROPERTIES									
Haze (Max)	ASTM D 1894		%	2					
Gloss at 45°	ASTM D 2457		-	95					
BARRIER PROPERTIES									
WVTR, 38°C, 90% RH	ASTM F 1249		gm / m ² / day	4	3.5	3.5	3	2.5	2.5
			gm / 100in ² / day	0.26	0.23	0.23	0.19	0.16	0.16
OTR 23°C, 0% RH	ASTM D 3985		cm ³ / m ² / day	35					
			cc / 100in ² / day	2.6					

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.

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