

Bicor[®]

MB 777

DESCRIPTION:

Biaxially oriented transparent polypropylene film, coated one side acrylic, one side PVdC. Suitable for all types of wrapping equipment.

PROPERTIES:

1. Exceptional seal strength
2. Excellent moisture, oxygen and aroma barriers
3. Superior clarity and gloss
4. Excellent hot tack on both surfaces
5. Outstanding stiffness and handling characteristics

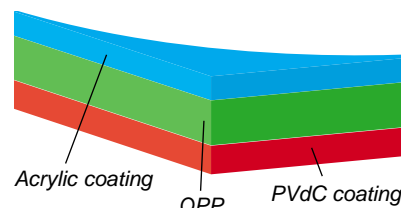
6. Excellent humidity seal retention on PVdC seals
7. Solvent free coatings
8. Ideal support for water based ink printing on Acrylic side

STANDARD REEL WIND:

PVdC outside

THICKNESS:

21, 26, 32, 42 microns



PROPERTIES	TEST CONDITIONS	UNITS	MB 777			
			21	26	32	42
Yield	Mobil (ASTM D 2673)	m ² /kg	48.9	40.0	32.7	25.2
Unit weight	Mobil (ASTM D 2673)	g/m ²	20.4	25.0	30.6	39.7
Gloss	ASTM D 2457	%	98	98	98	98
Haze	ASTM D 1003	%	1.6	1.6	1.7	1.8
Coefficient of friction	Ac/Ac PVdC/PVdC	ASTM D 1894-e DIN 53375	0.25	0.25	0.25	0.25
			0.35	0.35	0.35	0.35
Dimensional stability	MD TD	Mobil 135°C - 7 min.	-5	-5	-5	-5
			-5	-5	-5	-5
Modulus of elasticity	MD TD	ASTM D 882	2200	2200	2200	2200
			3500	3500	3500	3500
Breaking elongation	MD TD	ASTM D 882 DIN 53455	200	200	200	200
			65	65	65	65
Seal strength	Ac/Ac PVdC/PVdC	130°C-2.5 bar/0.2 sec.* 140°C-2.5 bar/0.2 sec.*	550	600	600	600
			500	500	500	450
Tensile strength	MD TD	ASTM D 882 DIN 53455	135	135	135	135
			275	275	275	275
Heat seal range	Ac/Ac PVdC/PVdC	OTTO BRUGGER	50	50	50	50
			30	30	30	30
Water vapour permeability	ASTM F 1249 BS 3177 DIN 53122	38°C 90 % RH 25°C 75 % RH 23°C 85 % RH	5.0	4.2	3.8	2.9
			1.3	1.1	0.9	0.6
			1.2	0.9	0.8	0.5
Oxygen permeability	ASTM D 3985 DIN 53380	23°C 0 % RH 23°C 0 % RH	20	20	20	20
Nitrogen permeability	ASTM D 1434 DIN 53380	23°C 0 % RH 23°C 0 % RH	10	10	10	10
Carbon dioxide permeability	ASTM D 1434 DIN 53380	23°C 0 % RH 23°C 0 % RH	80	80	80	80

The property values represented in the preceding table do not constitute product specifications, but represent the average or typical values.

Complete product specifications and one-time certificates of compliance are available by request.

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