ExxonMobil Chemical

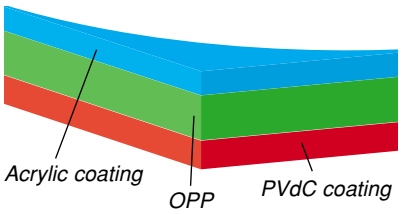
Bicor®
MB 777

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 (including A/B sealing)
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	32.8	25.3
Unit weight		Mobil (ASTM D 2673)		g/m^2	20.4	25.0	30.4	39.5
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 0.35	0.25 0.35	0.25 0.35	0.25 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		N/mm^2	2200 3500	2200 3500	2200 3500	2200 3500
Breaking elongation	MD TD	ASTM D 882	DIN 53455	%	200 65	200 65	200 65	200 65
Seal strength	Ac/Ac PVdC/PVdC	130°C-2.5 bar/0.2 sec.* 140°C-2.5 bar/0.2 sec.*		g/25mm	550 500	600 500	600 500	600 450
Tensile strength	MD TD	ASTM D 882	DIN 53455	N/mm^2	135 275	135 275	135 275	135 275
Heat seal range	Ac/Ac PVdC/PVdC	OTTO BRUGGER		°C	50 30	50 30	50 30	50 30
Water vapour permeability		ASTM F 1249 BS 3177 DIN 53122	38°C 90 % RH 25°C 75 % RH 23°C 85 % RH	$g/m^2/24$ h	5.0 1.3 1.1	4.2 1.1 0.9	3.8 0.9 0.8	2.9 0.6 0.5
Oxygen permeability		ASTM D 3985 DIN 53380	23°C 75 % RH 23°C 75 % RH	$cm^3/m^2/24$ h	20	20	20	20
Nitrogen permeability		ASTM D 1434 DIN 53380	23°C 75 % RH 23°C 75 % RH	$cm^3/m^2/24$ h	10	10	10	10
Carbon dioxyde permeability		ASTM D 1434 DIN 53380	23°C 75 % RH 23°C 75 % RH	$cm^3/m^2/24$ h	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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