

Bicor[®]

MB 666

DESCRIPTION:

Biaxially oriented transparent polypropylene film acrylic coated 2 sides. Gives outstanding performance on all packaging machines.

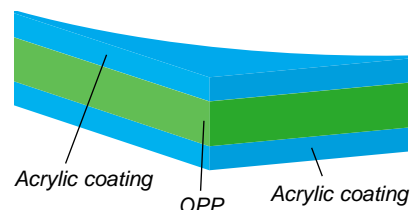
PROPERTIES:

1. Low sealing threshold
2. Broad sealing range
3. Excellent hot tack on both surfaces
4. Exceptional seal strength
5. Good aroma barrier

6. Outstanding optical properties
7. Solvent-free coatings
8. Printable on both sides
9. Excellent machine performance
10. Excellent dimensional stability and stiffness
11. Ideal support for water based ink printing

THICKNESS:

20, 25, 30, 35, 40, 52 microns



PROPERTIES	TEST CONDITIONS	UNITS	MB 666					
			20	25	30	35	40	52
Yield	Mobil (ASTM D 2673)	m ² /kg	55.0	44.0	35.5	31.4	26.6	21.1
Unit weight	Mobil (ASTM D 2673)	g/m ²	18.2	22.7	28.2	31.8	37.7	47.4
Gloss	ASTM D 2457	%	85	85	85	85	85	85
Haze	ASTM D 1003	%	1.2	1.3	1.3	1.5	1.6	1.6
Coefficient of friction	Both sides ASTM D 1894-e DIN 53375		0.25	0.25	0.25	0.25	0.25	0.25
Dimensional stability	MD TD Mobil 135°C - 7 min.	%	-5 -5	-5 -5	-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	2200 3500	2200 3500
Breaking elongation	MD TD ASTM D 882 DIN 53455	%	200 65	200 65	200 65	200 65	200 65	200 65
Seal strength	130°C-2.5 bar/0.2 sec. Crimp seal	g/25mm	550	550	600	600	600	600
Tensile strength	MD TD ASTM D 882 DIN 53455	N/mm ²	135 275	135 275	135 275	135 275	135 275	135 275
Heat seal range	OTTO BRUGGER	°C	50	50	50	50	50	50
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	7.0 1.6 1.4	5.0 1.3 1.1	4.5 1.1 1.0	4.0 0.9 0.8	3.5 0.7 0.6	2.5 0.5 0.4
Oxygen permeability	ASTM D 3985 DIN 53380 23°C 0 % RH 23°C 75 % RH	cm ³ /m ² /24 h	1000 850	850 750	750 650	650 550	600 500	550 450

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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