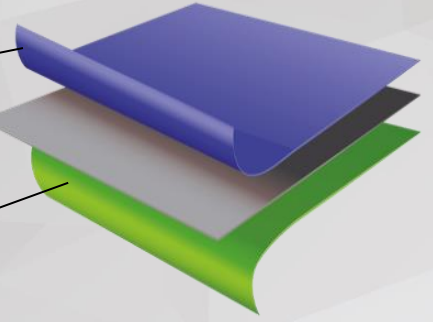


Printable PVDC Coated Layer

Polypropylene Core Layer

Treated Sealable Layer



SUPCOAT

7012 MDC

Description

SUPCOAT 7012 MDC is a transparent, coextruded, biaxially oriented polypropylene (BOPP) film with one side PVdC coated for high barrier property.

Treated side has standard heat seal property.

PVdC side has high surface tension and can be printed with suitable inks formulated for this surface. It is advised to consult with ink manufacturers and/or to approve at present conditions.

Properties

- High clarity and gloss
- Excellent oxygen, gas and aroma barrier
- Excellent ink and lamination adhesion on coated side
- Excellent heat seal strength

Applications

Specially designed for flexible packaging applications where high barrier to oxygen, humidity and aroma barrier is required.

Technical Features

PROPERTIES	TEST METHOD	UNITS	7012 MDC	
THICKNESS	ASTM F2251	micron	32	
		Gauge	128	
YIELD	ASTM D4321	m ² /kg	34,1	
		in ² /Lbs	24.000	
UNIT WEIGHT	ASTM D4321	g/m ²	29,3	
HAZE	ASTM D1003	%	4	
GLOSS (45 °)	ASTM D2457	%	95	
OXYGEN TRANSMISSION RATE (23°C-0%RH)	ASTM D3985	cc/m ² /24hrs	≤ 20	
		cc/100in ² /24hrs	≤ 1,29	
WATER VAPOUR TRANSMISSION RATE (38°C-90%RH)	ASTM F1249	g/m ² /24hrs	≤ 5	
		g/100in ² /24hrs	≤ 0,32	
TENSILE STRENGTH AT BREAK	ASTM D882	MD	N/mm ²	170
			lb/in ²	24.600
		TD	N/mm ²	300
			lb/in ²	43.400
ELONGATION AT BREAK	ASTM D882	MD	%	170
		TD	%	60
THERMAL SHRINKAGE (120 °C, 5 min, air)	ASTM D1204	MD	%	3
		TD	%	1
COEFFICIENT OF FRICTION	ASTM D1894	Film/Film		0,35
		Film/Metal		0,20
SURFACE TENSION	ASTM D2578	Dyne /cm	Coated Side	42
			Other Side	40
HEATSEAL RANGE	ASTM F88	°C	PVDC/ PVDC	105-145
			°F	
HEATSEAL STRENGTH (120 °C, 1 MPa, 1 s)	ASTM F88	N/15 mm	PVDC/ PVDC	2,0

Product Identification (Decision 97/129/EC): PP5

Regulatory Status

Our product complies with the applicable EC legislation on packaging involving direct contact with foods except metallized films. Full details are given on the Regulatory Compliance Certificate and can be found on our web site.

The information contained in this data sheet is true and accurate according to current state of our knowledge and intended to give general information on our products and their applications. Above values are to be considered as guidelines and not as product specifications. Since the actual conditions of use are beyond our control, users are advised to make their own tests at their specific conditions of laboratory and/or actual use. We suggest our customers to determine final suitability for their specific end uses.

Also be advised that information on this data sheet shall not be construed as an inducement or recommendation to use any process or to manufacture or use any product in conflict with existing, pending or future patents.

The film shelf life is 6 months. Also the film should be stored away from sunlight and without moisture. Modified PU based ink series offer good adhesion and printability.

For related spec sheet with tolerance values, please contact our sales departments

STANDARD ROLL DIMENSIONS			
CORE INNER DIAMETER (ID)	CORE OUTER DIAMETER (OD)	LENGTH TOLERANCE	WIDTH TOLERANCE
76 mm (3 in) & 152 mm (6 in)	530 mm & 790 mm	± % 10 for all OD's	- 0 & + 4 mm