



SUPCOAT

7012 A2C

Description

SUPCOAT 7012 A2C is a transparent, both sides acrylic coated, biaxially oriented polypropylene (BOPP) film with improved aroma barrier.

Both sides are acrylic coated and receptive to inks and lamination glues makes it suitable for single web and laminations applications.

Properties

- Both sides acrylic coated
- Improved barrier to aroma
- Low sealing threshold and broad seal range
- Excellent hot tack and heat seal strength
- High clarity and gloss
- Excellent ink and lamination adhesion
- The film shelf life is 6 months

Applications

Specially designed for overwrapping packaging applications. Acrylic coated side provides gas & aroma barrier and excellent support for printing.

It has low sealing threshold and broad sealing range with excellent hot tack property to be used at high speed packaging applications.

Technical Features

PROPERTIES	TEST METHOD	UNITS	7012 A2C				
THICKNESS	ASTM F2251	micron	25	30	35	40	50
		Gauge	100	120	140	160	200
YIELD	ASTM D4321	m ² /kg	43,6	36,4	31,2	27,3	21,9
		in ² /Lbs	30,700	25.600	22.000	19.200	15.400
UNIT WEIGHT	ASTM D4321	g/m ²	22,9	27,5	32,0	36,6	45,7
HAZE	ASTM D1003	%	2,5				
GLOSS (45 °)	ASTM D2457	%	90				
OXYGEN TRANSMISSION RATE (23°C-0%RH)	ASTM D3985	cc/m ² /24hrs	≤ 1.000				
		cc/100in ² /24hrs	≤ 65				
WATER VAPOUR TRANSMISSION RATE (38°C-90%RH)	ASTM F1249	g/m ² /24hrs	≤ 5				
		g/100in ² /24hrs	≤ 0,45				
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	Acrylic/Acrylic	0,30				
		Acrylic/Metal	0,20				
SURFACE TENSION	ASTM D2578	Dyne/cm	Acrylic Side	38			
			Acrylic Side	38			
HEATSEAL RANGE	ASTM F88	°C	90-145				
		°F	194-293				
HEATSEAL STRENGTH (120 °C, 1 MPa, 1 s)	ASTM F88	N/15mm	2,5				

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. 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

REV: 07 Date: 20.03.2025