

technical data sheet

SUPERSTOCK

TECHNICAL INFORMATION

Structure

SUPERSTOCK 1012P/1112P/1212P

Treated adhesion layer

Clear or white or cavitated core layer

Treated homopolymer layer



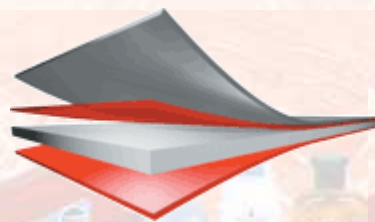
SUPERSTOCK 1032P

Vacuum deposited aluminium layer

Adhesion promoting layer

Polypropylene core layer

Treated homopolymer layer



Description

SUPERSTOCK 1012P is a transparent, biaxially oriented polypropylene film, SUPERSTOCK 1212P is a white colored, biaxially oriented polypropylene film, SUPERSTOCK 1112P is a pearlized, cavitated biaxially oriented polypropylene film, SUPERSTOCK 1032P is a metallized biaxially oriented polypropylene film. All four films are two sides treated and non-heatsealable.

Properties

- Excellent stiffness and flex resistance
- Tear and split resistance
- Excellent converting, die cutting and dispensing properties
- Compatibility with most adhesive formulations
- Improved resistance to moisture, chemicals, greases and oils.
- Excellent ink and coating adhesion on outside treated side.
- Outstanding white background with white and pearlized types.
- Excellent clarity and gloss with transparent type
- Excellent dimensional stability and surface smoothness
- Excellent metal adhesion (SUPERSTOCK 1032P)

Applications

All four films are face-stock for label stock used in pressure sensitive label applications. Inherent dimensional stability and thermal resistance makes them good material for high speed converting and dispensing applications with different types of adhesive formulations.

Transparent 1012P can also be used as base stock material for silicone coating in film to film label stock applications.



SUPER FILM
PACKAGING FILMS

BOPP TECHNICAL PROPERTIES

			SUPERSTOCK 1012P	SUPERSTOCK1112P	SUPERSTOCK 1212P	SUPERSTOCK 1032P	TEST METHOD
THICKNESS		MICRON	58	58	58	50	ASTM D 2673
		GAUGE	228,3	228,3	228,3	196,9	
YIELD		m²/kg	18,9	25,7	17,6	22	ASTM D 2673
		in²/Lbs	13288	18069	12374	15,467	
TENSILE STRENGTH	MD	N/mm²	150	80	140	160	ASTM D 882
		lb/in²	21738	11594	20288	23187	
	TD	N/mm²	290	160	250	280	
		lb/in²	42027	23187	36230	40578	
ELONGATION AT BREAK	MD	%	175	100	180	170	ASTM D 882
	TD	%	60	40	60	60	
THERMAL SHRINKAGE	MD	%	4				ASTM D 1204
	TD	%	2				
COEFFICIENT OF FRICTION		Film/Film	0,35				ASTM D 1894
		Film/Metal	0,20				
HAZE		%	2,00				ASTM D 1003
GLOSS(45°)		%	90	80,00	55,00		ASTM D 2457
OPACITY		%		80	80,00		DIN 53146
OPTICAL DENSITY		%				2	MACBETH TD931
SURFACE TENSION		Dyn/cm	39/38	39/38	39/38	39/38	ASTM D 2578
HEATSEL RANGE		°F					ASTM F 88
		°C					
HEATSEL STRENGTH		N/15mm					ASTM F 88

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.

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

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