



# SUPERSTOCK

## 1312 P

### Description

SUPERSTOCK 1312 P is an one side matt, other side glossy biaxially oriented polypropylene (BOPP) film. No heat seal property. Both sides treated.

Face-stock substrate for label stock structure used in pressure sensitive adhesive (PSA) labelling applications. Inherent dimensional stability and thermal resistance makes it an ideal material for high speed converting and dispensing applications with various different types of adhesives formulations.

It can be used as printed either glossy side for high gloss appearance or matt side for special “no label look” property.

Any possible caution for blocking tendency during printing and/or other processes should be taken since the film is both sides treated.

### Properties

- Matt appearance on one side, other side glossy
- Excellent ink and coating adhesion
- Excellent stiffness and flex resistance
- Tear and split resistance
- Excellent converting, die cutting and dispensing properties
- Excellent dimensional stability and surface smoothness
- Improved resistance to moisture, chemicals, greases and oils
- Required level of anti-static property at all processes

## Technical Features

PROPERTIES	TEST METHOD	UNITS	1312 P	
THICKNESS	ASTM F2251	micron	50	58
		Gauge	200	232
YIELD	ASTM D4321	m <sup>2</sup> /kg	23,0	19,8
		in <sup>2</sup> /Lbs	16.200	13.900
UNIT WEIGHT	ASTM D4321	g/m <sup>2</sup>	43,5	50,5
HAZE	ASTM D1003	%	72	75
GLOSS (45 °) (*)	ASTM D2457	%	12	15
TENSILE STRENGTH AT BREAK	ASTM D882	MD	N/mm <sup>2</sup>	150
			lb/in <sup>2</sup>	21.800
		TD	N/mm <sup>2</sup>	280
			lb/in <sup>2</sup>	40.600
ELONGATION AT BREAK	ASTM D882	MD	200	
		TD	70	
THERMAL SHRINKAGE (120 °C, 5 min, air)	ASTM D1204	MD	3	
		TD	1	
COEFFICIENT OF FRICTION	ASTM D1894	Film/Film	0,30	
		Film/Metal	0,20	
SURFACE TENSION	ASTM D2578	Dyne/cm	Treated Side	38
			Other Side	38

### (\*) Matt surface

#### 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.

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