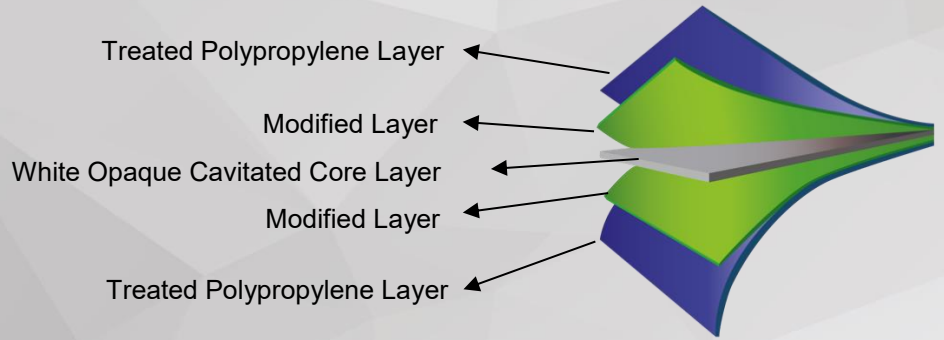


## PRELIMINARY



# SUPAQ

## 1112 PMX

### Description

SUPAQ 1112 PMX is a white opaque, cavitated, biaxially oriented polypropylene (BOPP) film with exceptional gloss and opacity. No heat seal property. Both sides treated.

Specially designed as face stock substrate for label stock structure used in pressure sensitive label applications. Improved stiffness, inherent dimensional stability and thermal resistance for high speed converting and dispensing processes with different types of adhesives formulations.

It can be also used as base and support material for other industrial applications such as roll-fed labelling, etc where excellent opacity, gloss and stiffness required for good processibility.

Any possible caution for blocking tendency during printing process should be taken since the film is both sides treated.

### Properties

- Low density and high yield
- Excellent gloss and opacity
- Excellent stiffness and flex resistance
- Tear and split resistance
- Excellent converting, die cutting and dispensing
- Good moisture barrier
- Excellent dimensional stability and surface smoothness
- Resistance to moisture, chemicals, oils and greases
- Outstanding white background
- Excellent ink and coating adhesion
- Compatibility with most adhesive formulations

## Technical Features

PROPERTIES	TEST METHOD	UNITS	1112 PMX	
THICKNESS	ASTM F2251	micron	58	60
		Gauge	232	240
YIELD	ASTM D4321	m <sup>2</sup> /kg	25,4	24,5
		in <sup>2</sup> /Lbs	17.800	17.200
UNIT WEIGHT	ASTM D4321	g/m <sup>2</sup>	39,4	40,8
GLOSS (45 °)	ASTM D2457	%	85	
LIGHT TRANSMISSION	ASTM D1746	%	18	
OPACITY	DIN 53146	%	86	
TENSILE STRENGTH AT BREAK	ASTM D882	MD	N/mm <sup>2</sup>	100
			lb/in <sup>2</sup>	14.500
		TD	N/mm <sup>2</sup>	175
			lb/in <sup>2</sup>	25.400
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	0,25	
		Film/Metal	0,20	
SURFACE TENSION	ASTM D2578	Dyne/cm	Treated Side	38
			Other Side	38

### 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**