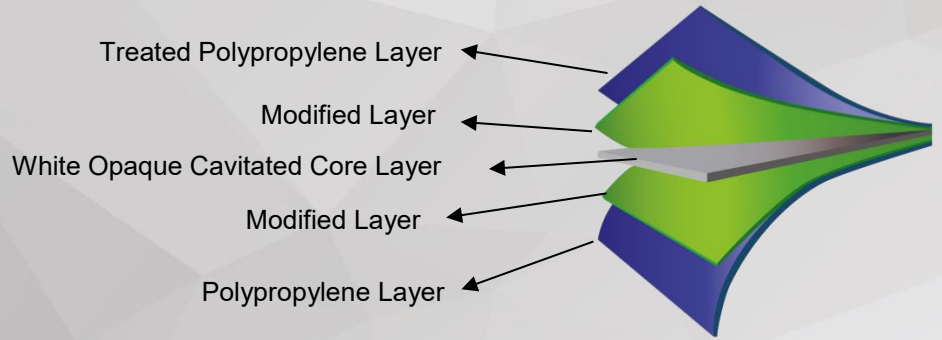


## PRELIMINARY



# SUPEARL 1111 SGM

## Description

SUPEARL 1111 SGM is a white opaque, cavitated, biaxially oriented polypropylene (BOPP) film. One side treated.  
No heat seal property.

Specially designed for surface print, single web labelling applications with improved stiffness, gloss and opacity.

Designed for high speed roll-fed labelling applications as surface print single web substrate for beverages, carbonated drinks, water, vegetable oil bottles.

## Properties

- Moderate density and yield
- Improved stiffness for excellent machinability
- Outstanding opacity to prevent product show-through
- Improved gloss for excellent graphic design
- Excellent dimensional stability and cuttability
- Excellent bonding to hot-melt glues
- Excellent ink adhesion

## Technical Features

PROPERTIES	TEST METHOD	UNITS		1111 SGM
THICKNESS	ASTM F2251	micron		38
		Gauge		152
YIELD	ASTM D4321	m <sup>2</sup> /kg		36,5
		in <sup>2</sup> /Lbs		25.700
UNIT WEIGHT	ASTM D4321	g/m <sup>2</sup>		27,4
GLOSS (45 °)	ASTM D2457	%		95
LIGHT TRANSMISSION	ASTM D1746	%		20
OPACITY	DIN 53146	%		80
TENSILE STRENGTH AT BREAK	ASTM D882	MD	N/mm <sup>2</sup>	80
			lb/in <sup>2</sup>	11.600
		TD	N/mm <sup>2</sup>	170
			lb/in <sup>2</sup>	24.700
ELONGATION AT BREAK	ASTM D882	MD	%	130
		TD		40
THERMAL SHRINKAGE (120 °C, 5 min, air)	ASTM D1204	MD	%	3
		TD		1
COEFFICIENT OF FRICTION	ASTM D1894	Film/Film		0,30
		Film/Metal		0,25
SURFACE TENSION	ASTM D2578	Dyne/cm	Treated Side	38
			Other Side	-

### 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**

REV: 01 Date: 10.09.2019