

# technical data sheet

**SUPEARL**

**1112LO**

## TECHNICAL INFORMATION

### Structure

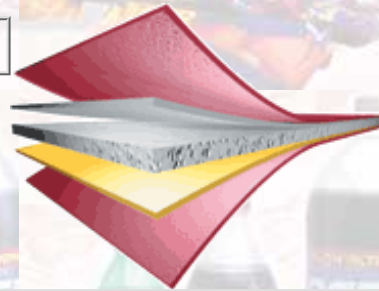
Treated modified polyolefin layer

Modified white layer

Cavitated core layer

Cavitated layer

Treated layer



### Description

SUPEARL 1112LO is a white opaque, biaxially oriented polypropylene film for roll-fed labelling applications. No heat seal property. Two sides treated.

### Properties

- Low density and high yield
- Outstanding opacity to prevent show-through
- Excellent stiffness to overcome curling effect
- Excellent bonding to hot melt glues
- Excellent cuttability
- Low moisture absorbence
- Excelent dimensional stability
- Excellent ink lamination adhesion
- Resistance to chemicals, greases and oils

### Applications

Designet as inner web of label lamination for high speed rool-fed labelling applications where the superior opacity and whiteness is required. White print layer eliminates need for white ink.



**SUPER FILM**  
PACKAGING FILMS

BOPP TECHNICAL PROPERTIES				
SUPEARL 1112LO				TEST METHOD
THICKNESS		MYCRON	27	ASTM D 2673
		GAUGE	106,3	
YIELD		m <sup>2</sup> /kg	56,9	ASTM D 2673
		in <sup>2</sup> /Lbs	40000	
TENSİLE STRENGTH	MD	N/mm <sup>2</sup>	80	ASTM D 882
		lb/in <sup>2</sup>	11594	
	TD	N/mm <sup>2</sup>	140	
		lb/in <sup>2</sup>	20289	
ELONGATION AT BREAK	MD	%	80	ASTM D 1204
	TD	%	35	
THERMAL SHRINKAGE	MD	%	4	ASTM D 1204
	TD	%	2	
COEFFICIENT OF FRICTION		Film/Film	0,35	ASTM D 1894
		Film/Metal	0,25	
OPACITY		%	80	ASTM D 1003
GLOOS(45°)		%	75	ASTM D 2457
SURFACE TENSION		Dyn/cm	39/38	ASTM D 2578
HEATSEAL RANGE		°F		ASTM F 88
		°C		
HEATSEAL 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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