

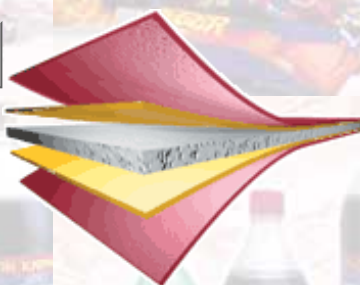
technical data sheet

SUPEARL

1112S

Structure

Treated high gloss layer
Modified polyolefin layer
Cavitated core layer
Modified polyolefin layer
Treated high gloss layer



Description

SUPEARL 1112S is a pearlized, cavitated, biaxially oriented polypropylene film for surface print, single web labelling applications. No heat seal property. Two sides treated.

SUPEARL 1111S, one side treated, version is also available..

SUPEARL 1112SE, two side treated, low density, high yield version is also available

Properties

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

Applications

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

SUPEARL 1111S, one side treated version is especially for refillable-PET bottle labelling.



SUPER FILM
PACKAGING FILMS

BOPP TECHNICAL PROPERTIES					
SUPEARL 1112S					TEST METHOD
THICKNESS		MÝCRON	38	45	ASTM D 2673
		GAUGE	149,6	177,2	
YIELD		m²/kg	39,3	33,2	ASTM D 2673
		in²/Lbs	27630	23342	
TENSILE STRENGTH	MD	N/mm²	80		ASTM D 882
		lb/in²	11594		
	TD	N/mm²	140		
		lb/in²	20289		
ELONGATION AT BREAK	MD	%	90		ASTM D 1204
	TD	%	40		
THERMAL SHRINKAGE	MD	%	4		ASTM D 1204
	TD	%	2		
COEFFICIENT OF FRICTION		Film/Film	0,40		ASTM D 1894
		Film/Metal	0,25		
OPACITY		%	80	85	ASTM D 1003
GLOOS(45°)		%	85	85	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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