

# technical data sheet

## SUPEARL 1112MD

### Structure

Treated polyolefin layer

White pigmented layer

Cavitated core layer

White pigmented layer

Treated polypropylene layer



### Description

SUPEARL 1122MD is a modified, cavitated, white opaque biaxially oriented polypropylene film. Two sides treated. No heat seal property. This film is specially designed with an improved impermeability and deadfold characteristics.

SUPMET 1132MD, metallized, version is also available.

### Properties

- Low density and high yield
- Outstanding opacity
- Excellent stiffness and deadfold property
- Improved grease and oil impermeability
- Easy processibility to give various geometric shapes
- Paper replacement for margarine packaging
- No bacterial growth

### Applications

Food packaging for margarine and butter where the deadfold property is important to retain geometric shape. This film is also excellent replacement of antifungus paper for soap packaging.

It can also be used for different packaging applications in sheeted form to replace paper.



**SUPER FILM**  
PACKAGING FILMS

## BOPP TECHNICAL PROPERTIES

SUPEARL 1122MD					TEST METHOD
THICKNESS		MYCRON	60	80	ASTM D 2673
		GAUGE	236,2	315	
YIELD		m²/kg	27,8	20,8	ASTM D 2673
		in²/Lbs	19545	14624	
TENSÝLE STRENGTH	MD	N/mm²	60		ASTM D 882
		lb/in²	8695		
	TD	N/mm²	100		
		lb/in²	14492		
ELONGATION AT BREAK	MD	%	120		ASTM D 1204
	TD	%	35		
THERMAL SHRINKAGE	MD	%	4		ASTM D 1204
	TD	%	2		
COEFFICIENT OF FRICTION		Film/Film	0,40		ASTM D 1894
		Film/Metal	0,25		
OPACITY		%	85	85	ASTM D 1003
GLOOS(45°)		%	75	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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