

S U P M E T

1132MD

TECHNICAL INFORMATION

Structure

Vacuum deposited aluminium layer

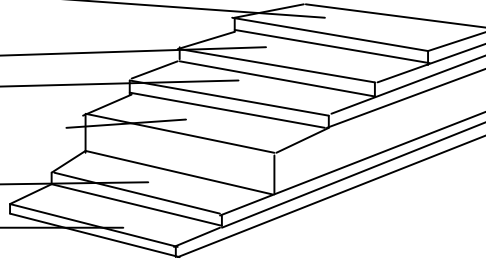
Adhesion promoting layer

Modified white pigmented layer

Modified cavitated core layer

Modified white pigmented layer

Treated homopolymer layer



Description

SUPMET 1132MD is a modified, cavitated, white opaque, metallized biaxially oriented polypropylene film. No heat seal property. Two sides treated. This film is specially designed with an improved impermeability and deadfold characteristics.

Properties

- *Excellent metal adhesion
- *Brilliant metallic appearance
- *Excellent stiffness and deadfold property
- *Low density and high yield
- *Improved grease and oil impermeability
- *Easy processibility to give various geometric shapes
- *Aluminium paper and foil replacement for margarine packaging

Application

SUPMET 1132MD is designed for margarine and butter packaging where deadfold property is important to retain geometric shape.

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

SUPMET 1132 MD					TEST METHOD
THICKNESS	micron		60	80	SF1210TL350 ASTM D 2673
	Gauge		236,2	315,0	
YIELD	m ² /kg		27,8	20,8	SF1210TL0210 ASTM D 2673
	in ² /Lbs		19545	14624	
TENSILE STRENGTH	MD	N/mm ²	60		SF1210TL0370 ASTM D 882
		lb/in ²	8695		
	TD	N/mm ²	120		
		lb/in ²	17390		
ELONGATION AT BREAK	MD	%	100		SF1210TL0370 ASTM D 882
	TD	%	35		
THERMAL SHRINKAGE	MD	%	4		SF1210TL0340 ASTM D 1204
	TD	%	2		
COEFFICIENT OF FRICTION (COF)	Film/Film		0,40		SF1210TL0280 ASTM D 1894
	Film/Metal		0,25		
OPTICAL DENSITY	%		2,0		SF1210TL0380 MACBETH TD 931
SURFACE TENSION	Dyn/cm		39/38		SF1210TL0230 ASTM D 2578
OXYGEN PERMEABILITY	cm ³ /m ² /24hrs		220,0	180,0	ASTM D 1434
	cc/100in ² /24hrs		14,20	11,60	
WATER VAPOUR PERMEABILITY	gr/m ² /24hrs		1,80	1,00	ASTM E 96
	gr/100in ² /24hrs		0,120	0,060	
HEATSEAL RANGE	°F		-		SF1210TL0400 ASTM F 88
	°C		-		
HEATSEAL STRENGTH	N/15mm		-		SF1210TL0400 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