

# technical data sheet

## SUPMET 1332MT

### TECHNICAL INFORMATION

#### Structure

Vacuum deposited aluminium layer  
Matt layer  
Polypropylene core layer  
Matt layer



#### Description

SUPMET 1332MT is a matt metallized biaxially oriented polypropylene film. Both sides matt and one side is metallized. No heat seal property. Two sides treated.

SUPMET 1331MT, only metallized side treated, version is also available.

SUPMET 1332, one side matt, two sides treated, version is also available.

SUPMET 1332G, matt gold effect, two sides treated version is also available.

#### Properties

- Matt metallized surface to give aluminium foil appearance
- Low static property
- Excellent metal adhesion.
- Enhanced shelf-life capability
- Good oxygen, moisture and UV light barrier
- Resistance to chemicals, greases and oils
- Excellent dimensional stability

#### Applications

Matt metallized surface gives aluminium foil replacement for value added products. Can be used as single ply surface print and/or lamination purposes.

SUPMET 1332G, matt gold effect version is specially for cardboard box lamination to pack cosmetic and food products.



## BOPP TECHNICAL PROPERTIES

SUPMET 1332MT						TEST METHOD
THICKNESS		MYCRON	35	40,0	50	ASTM D 2673
		GAUGE	137,8	157,5	196,9	
YIELD		m <sup>2</sup> /kg	32,8	28,7	23	ASTM D 2673
		in <sup>2</sup> /Lbs	23061	20178	16171	
TENSILE STRENGTH	MD	N/mm <sup>2</sup>	150			ASTM D 882
		lb/in <sup>2</sup>	21738			
	TD	N/mm <sup>2</sup>	270			
		lb/in <sup>2</sup>	39128			
ELONGATION AT BREAK	MD	%	170			ASTM D 882
	TD	%	60			
THERMAL SHRINKAGE	MD	%	4			ASTM D 1204
	TD	%	2			
COEFFICIENT OF FRICTION		Film/Film	0,35			ASTM D 1894
		Film/Metal	0,25			
OPTICAL DENSITY		%	2			1310TL017
SURFACE TENSION		Dyn/cm	39/38			ASTM D 2578
OXYGEN PERMEABILITY		cm <sup>3</sup> /m <sup>2</sup> /24hrs	100			ASTM D 3985 (23°C,0% RH)
		cc/100in <sup>2</sup> /24hrs	6,5			
WATER VAPOUR PERMEABILITY		gr/m <sup>2</sup> /24hrs	0,7			ASTM E 96 (38°C,90% RH)
		gr/100in <sup>2</sup> /24hrs	0,05			
HEATSEL RANGE		°F				ASTM F 88
		°C				
HEATSEL 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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