

technical data sheet

SUPLAIN

1312

TECHNICAL INFORMATION

Structure

Treated matt layer

Polypropylene core layer

Treated polypropylene layer



Description

SUPLAIN 1312 is a one side matt, biaxially oriented polypropylene film. No heat seal property. Two sides treated.

Properties

- Matt appearance
- Excellent ink and coating adhesion
- Low static property
- Resistance to chemicals, greases and oils
- Excellent machinability
- Good moisture barrier
- Excellent dimensional stability.

Applications

Matt print lamination film for high value added products. It can be laminated to paper, board, BOPP, PET and other substrates. Matt finish layer gives non-reflective surface.



SUPER FILM
PACKAGING FILMS

BOPP TECHNICAL PROPERTIES

SUPLAIN 1312					TEST METHOD
THICKNESS		MÝCRON	15	35	ASTM D 2673
		GAUGE	59,1	137,8	
YIELD		m²/kg	76,63	32,8	ASTM D 2673
		in²/Lbs	53875	23060	
TENSÝLE STRENGTH	MD	N/mm²	140		ASTM D 882
		lb/in²	20288		
	TD	N/mm²	230		
		lb/in²	33331		
ELONGATION AT BREAK	MD	%	150		ASTM D 1204
	TD	%	60		
THERMAL SHRINKAGE	MD	%	4		ASTM D 1204
	TD	%	2		
COEFFICIENT OF FRICTION		Film/Film	0,30		ASTM D 1894
		Film/Metal	0,20		
HAZE		%	80	75	ASTM D 1003
GLOOS(45°)		%	10	10	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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