

technical data sheet

SUPLAIN 1012MN

TECHNICAL INFORMATION

Structure

Non-migratory treated layer

Polypropylene core layer

Non-migratory treated layer



Description

SUPLAIN 1012MN is a transparent, biaxially oriented polypropylene film formulated with non-migratory slip system. No heat seal property. Two sides treated.

SUPLAIN 1011 MN, one side treated, version is also available.

Properties

- High treatment durability upon time
- no chemical additive blooming effect
- High gloss and clarity
- Low haze
- Excellent adhesion to inks, coatings and adhesives
- Stable, consistent COF characteristics for high speed machinability
- Excellent resistance to chemicals, greases and oils.
- Good moisture barrier
- Excellent machinability

Applications

Single ply and/or outer web of packaging lamination use for all kinds of packaging machines where consistent COF is required. High gloss and clarity makes it best substrate to laminate with paper, OPP, PET and others.



SUPER FILM
PACKAGING FILMS

BOPP TECHNICAL PROPERTIES

SUPLAIN 1012MN							TEST METHOD
THICKNESS		MICRON	12	19	25	50	ASTM D 2673
		GAUGE	47,2	74,73	98,4	196,9	
YIELD		m²/kg	91,6	57,8	43,8	21,9	ASTM D 2673
		in²/Lbs	64401	40636	30794	15397	
TENSILE STRENGTH	MD	N/mm²	170				ASTM D 882
		lb/in²	24636				
	TD	N/mm²	300				
		lb/in²	43476				
ELONGATION AT BREAK	MD	%	170				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		%	1,6	1,6	1,6	1,8	ASTM D 1003
GLOOS(45°)		%	96	97	97	97	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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