

technical data sheet

SUPLAIN

1012LS

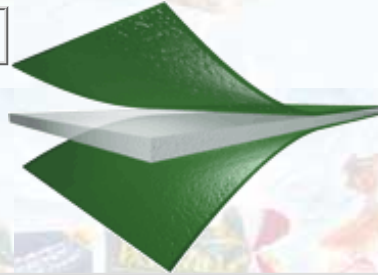
TECHNICAL INFORMATION

Structure

Treated polypropylene layer

Modified polypropylene core layer

Treated polypropylene layer



Description

SUPLAIN 1012LS is a transparent, biaxially oriented polypropylene film with heat shrinkable property for lamination applications. Non heat sealable. Two sides treated.

SUPLAIN 1012SS is a transparent, biaxially oriented polypropylene film with heat shrinkable property for single ply applications. Non heat sealable. Two sides treated.

Properties

- Excellent gloss and clarity
- Improved antistatic property
- Excellent machinability
- Excellent scuff and abrasion resistance
- Excellent bonding capability to adhesive systems
- Resistance to chemicals, greases and oils

Applications

Outer web of shrinkable roll-fed label laminations in which shrinkage up to 7% is required.

It is advised to use SUPLAIN 1012LS with SUPEARL 1112LS or with itself in shrinkable lamination applications.

SUPLAIN 1012SS, 40 mikron, can be used as single ply surface print shrink label applications.

 **SUPER FILM**
PACKAGING FILMS

BOPP TECHNICAL PROPERTIES

		SUPLAIN 1012LS		SUPLAIN 1012SS		TEST METHOD
THICKNESS		MICRON	18,75	40		ASTM D 2673
		GAUGE	75	157,7		
YIELD		m ² /kg	5836	27,5		ASTM D 2673
		in ² /Lbs	41199	19334		
TENSILE STRENGTH	MD	N/mm ²	160			ASTM D 882
		lb/in ²	23187			
	TD	N/mm ²	300			
		lb/in ²	43476			
ELONGATION AT BREAK	MD	%	160			ASTM D 1204
	TD	%	60			
THERMAL SHRINKAGE	MD	%	7			ASTM D 1204
	TD	%	4			
COEFFICIENT OF FRICTION		Film/Film	0,35			ASTM D 1894
		Film/Metal	0,25			
HAZE		%	1,5	1,5		ASTM D 1003
GLOOS(45°)		%	95	98		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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