



Description / Properties

- Metallised coextruded bi-oriented polypropylene film (BOPP), one side heat sealable (SIT 105°C).
- The metallised side should not be used for direct food contact.
- Good slip properties.
- Good barrier properties.

Applications examples

- Lamination using the lower thicknesses.
- Single film for higher thicknesses with printing on the metallised side (it's recommendable to use a primer to protect the metallised side).
- Applications that request good light, gas and moisture barrier properties.

TEST		TEST METHOD	UNITS	TYPICAL VALUES							
THICKNESS		ISO 4593	µm	15	18	20	25	30	35	40	
GRAMMAGE		CSFL11	g/m ²	13,6	16,7	18,4	23,4	27,4	31,9	36,9	
YIELD		CSFL11	m ² /kg	73,3	60,1	54,5	42,7	36,5	31,4	27,1	
MECHANICAL PROPERTIES	Tensile Strength	MD	ASTM D 882	N/mm ²	150	150	150	150	145	140	140
		TD			310	310	310	310	310	310	310
	Elongation	MD		%	200	200	200	200	200	200	200
		TD			50	50	50	50	50	50	50
COEFFICIENT OF FRICTION	Dynamic	U-U	ISO 8295	----	0,30						
OPTICAL PROPERTIES	Optical Density		CSFL 5	----	2,2						
PERMEABILITY	WVTR (23°C, 100% H.R.)		ASTM F 1249	g/(m ² d)	0,16						
	OTR (23°C, 0% H.R.)		ASTM D 3985	cm ³ /(m ² d atm)	90						
SEALING	S.I.T.	U-U	CSFL 2	°C	≈ 105						
	Seal Strength (130°C)	U-U	CSFL 1	g/cm	2,0	2,2	2,4	2,5	2,7	3,0	3,2
THERMAL STABILITY	Shrinkage (120°C, 5min)	MD	CSFL 3	%	5						
		TD		%	3						

Storage conditions

The film should be stored in a dry, covered and clean area, away from heat sources and without UV radiation and/or direct sunlight. The storage temperature should be between 15 to 30°C. The film should be allowed to reach the operating room temperature 24 hours before its use. If the above mentioned requirements are fulfilled the film is suitable to be used up to 6 months from the production date.

Food contact

Suitable for food contact. Specific documentation is available upon request.

The above properties correspond to average values and do not represent a product specification.

The information provided on this technical sheet is based on our current knowledge and experience and is given with good faith. It may vary due to several particular factors which are alien to our knowledge and control and that affect the use of the product (storage, climate, handling, raw-materials, etc.). It is intended to offer to the specialized readers, indications so that they can evaluate the possible applications for this product. The user should always verify the suitability of the film for the specific end-use.