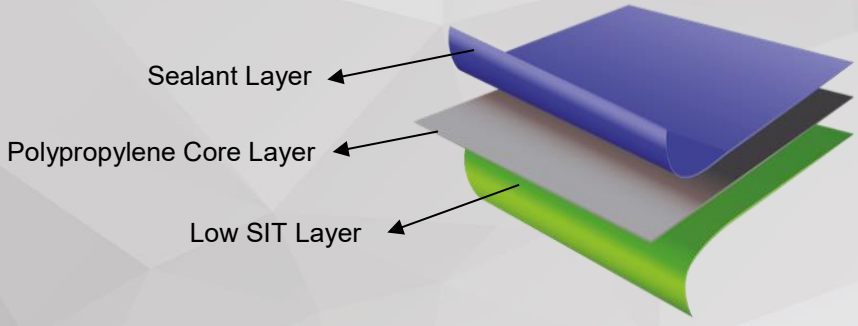
SUPER FILM
PACKAGING FILMS



SUPERSEAL

4010

Description

SUPERSEAL 4010 is a transparent, coextruded BOPP film. Both sides heat sealable and non treated. One side has standard sealing layer and other side has sealing layer with low SIT (Seal Initiation Temperature) down to 80˚C (176 ˚F).

It is specially designed for high speed HFFS machines for making units and/or multiple packs where the low SIT is needed. Standard sealing side has special property for problem free piling up of the packs and units.

Low SIT also makes this film an excellent material for spherical packaging where at least six folds must be perfectly heat sealed at the ends.

Properties

- Excellent wide sealing range with low SIT
- Excellent hot tack and heat seal strength
- Excellent clarity and gloss
- Good moisture barrier
- Excellent resistance to chemicals, greases and oils
- Excellent ink and coating adhesion
- A to B sealing capability

SANKO

Factory & Head Office
Başpınar (Organize) OSB Mahallesi O.S.B
2. Bölge Hacı Sani Konukoğlu Bulvarı No:1
P +90 342 211 60 00 (20 lines) F +90 342 337 28 70

Superfilm Europe S.A
37 Esplanade de la Moselle 90,
Wasserbillig, Luxembourg
P +352 261 19 922 F+352 261 19 921

www.superfilm.com

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Technical Features

PROPERTIES	TEST METHOD	UNITS		4010
THICKNESS	ASTM F2251	micron		20
		Gauge		80
YIELD	ASTM D4321	m^2/kg		54,9
		in^2/Lbs		38,600
UNIT WEIGHT	ASTM D4321	g/m^2		18,2
HAZE	ASTM D1003	%		1,7
GLOSS (45 °)	ASTM D2457	%		90
TENSILE STRENGTH AT BREAK	ASTM D882	MD	N/mm^2	150
			lb/in^2	21.800
		TD	N/mm^2	280
			lb/in^2	40.600
ELONGATION AT BREAK	ASTM D882	MD	%	210
		TD		70
THERMAL SHRINKAGE (120 °C, 5 min, air)	ASTM D1204	MD	%	3
		TD		1
COEFFICIENT OF FRICTION	ASTM D1894	Film/Film		0,35
		Film/Metal		0,20
SURFACE TENSION	ASTM D2578	Dyne/cm	Treated Side	-
			Other Side	-
HEATSEAL RANGE (*)	ASTM F88	°C		80 - 145
		°F		176 - 293
HEATSEAL STRENGTH (*) (80 °C, 1 MPa, 1 s)	ASTM F88	N/15mm		2,0

(*) Low SIT surface

Regulatory Status

Our product complies with the applicable EC legislation on packaging involving direct contact with foods except metallized films. Full details are given on the Regulatory Compliance Certificate and can be found on our web site.

The information contained in this data sheet is true and accurate according to current state of our knowledge and intented 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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