



SUPERECO

Description

Super Film, as an innovative supplier, introduce you these special Degradable/Biodegradable **SuperEco** films that are suitable for required packaging applications. **SuperEco** films are rendered as degradable/ biodegradable by combination of heat and UV as a first step and absorption by micro-organism naturally present in soil as a second step. Film ends-up as biomass in nature by a non-hazardous degradation and biodegradation process.

Properties

*Degradable/biodegradable in landfill after disposal

*Low Noise and crackle free

All other properties are the same as standard BOPP/CPP films. Like;

*High clarity and gloss

*Excellent machinability

*Good moisture barrier

*Resistance to chemicals, greases and oils

*Excellent ink and coating adhesion

Some Applications

SuperEco 1011 MMB: Transparent, non-heatsealable, one side treated BOPP film for flower wrapping and general lamination purposes.

SuperEco 1012 SMB: Transparent, non-heatsealable, both sides treated BOPP film. Specially designed for single web no-label look roll fed or C&S labeling application.

SuperEco 2011 MMB: Transparent, both sides heat sealable, one side treated BOPP film for use on HFFS/VFFS packaging machines where strong seals and excellent hot tack is needed. Typical applications are all kind of fresh vegetables and pasta packaging.

SuperEco NP 2011 MMB: Transparent, both sides heatsealable, one side treated CPP film. Typical applications are all kind of pasta packaging.



SÜPER FILM Ambalaj Sanayi ve Ticaret A.S.

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BOPP TECHNICAL PROPERTIES							
SUPERECO						TEST METHOD	
		1011 MMB	1012 SMB	2011 MMB	NP 2011 MMB		
THICKNESS	Micron	40	40	35	30	ASTM D 2673	
	Gauge	160	160	140	120		
YIELD	m ² /kg	27,4	27,4	31,4	37,0	ASTM D 2673	
	in ² /Lbs	19300	19300	22100	26000		
TENSILE STRENGTH	MD	N/mm ²	170	170	140	ASTM D 882	
		lb/in ²	24700	24700	20300		
	TD	N/mm ²	300	300	300		25
		lb/in ²	43500	43500	43500		
ELONGATION AT BREAK	MD	%	150	140	180	ASTM D 882	
	TD	%	60	60	60		500
THERMAL SHRINKAGE	MD	%	4	4	4	ASTM D 1204	
	TD	%	2	2	2		1
COEFFICIENT OF FRICTION (COF)	Film/Film		0,35	0,30	0,30	ASTM D 1894	
	Film/Metal		0,25	0,20	0,20		0,25
HAZE	%		2	2	2,5	2	ASTM D 1003
GLOSS (45°)	%		95	95	90	90	ASTM D 2457
SURFACE TENSION,min	Dyn/cm		38	38/38	38	38	ASTM D 2578
HEATSEAL RANGE	°F		-	-	248-293	248-293	ASTM F 88
	°C		-	-	120-145	120-145	
HEATSEAL STRENGTH	N/15mm		-	-	>2,5	min. 5	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.

Please contact our sales department for any further information.

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