CPP Film

CPP SealFilm

CA

Corona treated outside, ultra-low SIT.

Description

Coextruded film made of an optimized blend of polypropylene resins that delivers ultra-low heat seal initiation temperature and exceptional hottack range in the untreated face with an optimal balance of transparency, rigidity, slip and tear resistance. Its formulation delivers and excellent moisture barrier. The corona treated side is located on the outside face of the reel.

Main Characteristics

- Ultra-low SIT.
- Excellent hot-tack.
- High slip level.
- Outstanding flatness and dimensional stability.
- Outside face corona treated suitable for good bonds to inks and adhesives.

Applications

This product is designed to be employed as a single web or in laminated structures. Its hot-tack allows its use in many applications which require very high speed packaging and sealing over powder contaminants. This film can also be used in multiple VFFS or HFSS packaging machinery, in fin and/or lap seals as well as in side-weld bags. It meets FDA regulations for direct food contact.

*** Important Considerations**

*It is recommended to store this material at conditions not exceeding 30°C, under shade and with a relative humidity of 60%. To protect against humidity and avoid film blocking, rolls should stay covered with the plastic overwrap when not in use.

*The information in this data sheet is based on tests carried out in our laboratories and it is intended to be used for reference only, and does not constitute a specification; therefore, should not be construed as a guarantee of performance. It is the responsibility of the user to carry out the necessary tests to guarantee its use for the intended applications.

*This product complies with FDA and EU regulations. For more detailed information about our technical and regulatory documents, please visit our website: https://www.obengroup.com/en/documents

Standard Dimensions *

*This product has lot size and width restrictions. Please consult your sales representative.

Film Code	Thickness (mils)	Yield (in²/lb)	Width (in)	Core Size	30" Φ Outside Diam.		Treatment
					Length (ft)	Weight (lb/in)	
CA 20	0.79	38,900	15 to 80	3" & 6"	68,300	21.05	Outside
CA 30	1.18	26,000			45,700		
CA 35	1.38	22,300			39,100		
CA 40	1.57	19,500			34,200		
CA 50	1.97	15,600			27,600		
CA 60	2.36	13,000			23,000		

Typical Values of Physical Properties **

**Information and data presented in this data sheet is intended to be used as general guidelines.Physical properties specifications are available upon request.

Property		Unit	Testing Method	Thickness in Mils					
				0.79	1.18	1.38	1.57	1.97	2.36
Haze	-	%	ASTM D1003	2.5	3.5		4.5		6
Gloss 45°			ASTM D2457	80					
Coefficient of Friction - Kinetic	N/N	-	ASTM D1894	0.15					
	T/T			0.15					
Secant Modulus 2%	DM	lb/in²	ASTM D882	87,100					
	DT			79,800					
Impact Resistance	-	lb-ft	ASTM D3420	100					
Tear Resistance	DM	lb	ASTM D1922	0					
	DT			100					
Surface Tension	-	dyn/cm	ASTM D2578	37					
Heat Seal Initiation Temperature	N/N	°F	ASTM F2029	176					
	T/T			266					
Seal Strength (284°F, 40 psi, 1s)	-	g/in	ASTM F88	1,500	1,800		2,100		2,700
Water Vapor Transmission Rate (100.4 °F, 90 % R.H.)		g/(100 in².day)	ASTM F1249	0.84	0.71	0.65	0.58	0.52	
Oxygen Transmission Rate (73.4 °F, 0 % R.H.)		cm3/(100 in².day)	ASTM D3985	239	232	229	226	223	213

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Notes: DM - Machine Direction | DT - Transverse Direction | N - Untreated Side | T - Corona Treated Side