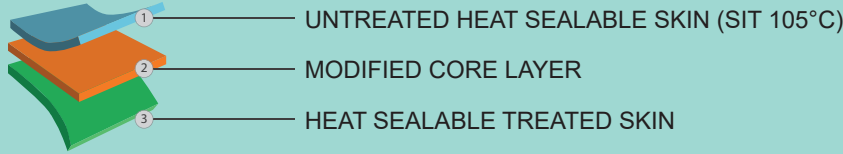




CLEAR 2 SIDE HEAT-SEALABLE BOPP BOPP01

CLEAR 2 SIDE HEAT-SEALABLE BOPP - is a coextruded both side heat sealable (untreated side SIT 105°C) one side corona treated BOPP film suitable for high speed printing, lamination & pouching applications. The film complies with FDA and EC regulations for food packaging applications.



FEATURES:

- High gloss & transparency and clarity.
- Excellent machine ability on high speed machines.
- Low coefficient of friction & low SIT
- Excellent moisture barrier properties.

APPLICATION:

Single/two ply printing lamination & pouching

PROPERTIES	TEST METHOD	UNIT	15	18	20	23	25	30	35	40	45	50
Nominal Thickness	Internal	Micron	15	18	20	23	25	30	35	40	45	50
		Gauge	60	72	80	92	100	120	140	160	180	200
Grammage	Internal	g/m ²	13.6	16.4	18.2	20.9	22.7	27.3	31.8	36.4	40.9	45.5
Yield		in ² /lb	51,324	42,887	38,669	33,607	30,935	25,311	22,498	19,334	17,155	15,468
Treatment Level (Min)	ASTM D 2578	dyne/cm	TI/TO	38	38	38	38	38	38	38	38	38
Haze (Max)	ASTM D 1003	%		2.2	2.2	2.5	2.5	2.5	2.6	2.6	2.7	3.0
Gloss (Min) at 45° Angle	ASTM D 2457	-		85	85	85	85	85	85	85	85	85
COF (Max)	ASTM D 1894	Kinetic	UT/UT	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
Tensile Strength (Min)	ASTM D 882	kg/cm ²	MD	1200	1200	1200	1200	1200	1200	1200	1200	1200
			TD	2400	2400	2400	2400	2400	2400	2400	2400	2400
Elongation (tolerance ± 15%)	ASTM D 882	%	MD	180	180	180	180	180	180	180	180	180
			TD	70	70	70	70	70	70	70	70	70
Shrinkage (Max) at 120°C / 5 min	Internal	%	MD	4	4	4	4	4	4	4	4	4
			TD	2	2	2	2	2	2	2	2	2
SIT (Max) @ 2 bar pressure, time 1 second	Internal	°C	UT/UT	105	105	105	105	105	105	105	105	105
Seal Strength (Min) @ 120°C, Pressure 2 Bar, dwell time 1 second	Internal	gms/25mm	UT/UT	350	400	400	425	450	450	450	500	550
WVTR Rate AT 38°C, 90%RH (max)	ASTM F 1249	gm/m ² /24h		6.5	6	5.5	5.3	5	4.5	4	3.5	2.5
		gm/100inch ² /24h		0.42	0.4	0.35	0.35	0.32	0.29	0.25	0.22	0.2
OTR RATE at 23°C, 0% RH (max)	ASTM D 3985	cc/m ² /24h		1900	1800	1700	1650	1600	1500	1400	1350	1200
		cc/100inch ² /24h		122	116	109	106	103	96	90	87	83.8

*MD = Machine Direction *TD = Transverse Direction | Width Tolerance -(0), + 2 mm

Storage & Handling: Needs to be stocked in a closed warehouse & should not be exposed to direct sun light or light sources. Avoid extreme of humidity and heat. It is recommended to store below 40°C in dry places in original packing.

Food Contact: Complies with EC (EU 202/2014 & EU 10/2011) and FDA (21 CFR § 175.105 & 21 CFR § 175.300) regulations on packaging for direct contact with foodstuffs. Specific document and MSDS are available on request.

Disclaimer: The information given above is to the best of our knowledge and experience. Some of the properties can be changed as a result of suppliers' efforts to improve upon the quality or production efficiency of the subject. The information is believed to be true and accurate and is not intended to violate any statutory condition or right of a third party. StockPKG makes no warranty, express or implied, as to the fitness of the product for any specific use or purpose. The above data is purely for readers' consideration, investigation and verification and should be read in conjunction with the conditions for sale or contract.