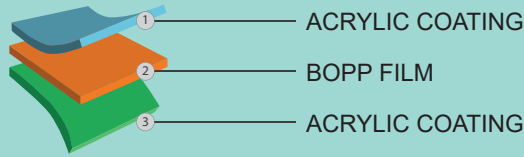




ACRYLIC / ACRYLIC COATED BOPP OPPAA1

ACRYLIC / ACRYLIC COATED BOPP - is a both side acrylic coated BOPP film suitable for printing, lamination & pouching applications. This film complies with the FDA and EC regulations for food packaging applications.



Film Types:

Acrylic inside
Acrylic outside

FEATURES:

- High gloss & transparency and clarity.
- Broad heat seal range and Excellent seal strength
- Excellent hot tack on both sides
- High aroma & moisture barrier properties.
- Print on both sides with water based printing inks

APPLICATIONS : Food Packaging

PROPERTIES	TEST METHOD	UNIT	20	25	30	34	40	52	
Nominal Thickness	Internal	Micron/gauge	20/80	25/100	30/120	34/136	40/160	52/208	
Grammage	Internal	g/m ²	18.2	22.7	28.2	31.7	36.2	47.4	
Yield	Internal	m ² /kg	55.0	44.0	35.5	31.5	27.6	21.1	
		in ² /lb	38,742	30,993	25,006	22,189	19,442	14,863	
Haze (Max)	ASTM D 1003	%	2.5	2.5	2.5	2.7	2.8	3.0	
Gloss (Min) at 45° Angle	ASTM D 2457	-	85	85	85	85	85	85	
Coefficient of Friction (Max)	ASTM D 1894	Kinetic AC/AC	0.30	0.30	0.30	0.30	0.30	0.30	
Tensile Strength (Min)	ASTM D 882	kg/cm ²	MD	1200	1200	1200	1200	1200	1200
		PSI		17,068	17,068	17,068	17,068	17,068	17,068
		kg/cm ²	TD	24,000	24,000	24,000	24,000	24,000	24,000
		PSI		34,136	34,136	34,136	34,136	34,136	34,136
Elongation (Max)	ASTM D 882	%	MD	180	180	180	180	180	
			TD	60	60	60	60	60	
Shrinkage (Max) at 120°C / 5 min	Internal	%	MD	4.0	4.0	4.0	4.0	4.0	
			TD	2.0	2.0	2.0	2.0	2.0	
Heat Seal Range at 2.5 bar, 0.5 sec.	Internal	°C AC/AC	85-140	85-140	85-140	85-140	85-140	85-140	
Sealing Strength (Min) @130°C, 2.5 Bar Pressure, 0.5 Sec Dwell Time	Internal	gms/25mm AC/AC	400	450	450	450	500	500	
Water Vapour Transmission Rate (max) at 38°C,90% RH	ASTM F 1249	gm/m ² /24h	7.0	5.0	4.5	4.0	3.5	3.0	
		Gm/100inch ² /24h	0.45	0.32	0.29	0.26	0.22	0.19	
Oxygen Gas Transmission Rate (max) at 23°C, 0% RH	ASTM D 3985	cc/m ² /24h	900	850	750	650	625	600	
		Cc/100inch ² /24h	58	54.8	48.4	42	40.3	38.7	

*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.