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BOPP DRY GLOSS 20 MICRON

SPECIFICATION

BOPP thermal laminating films are lamination films having BOPP (biaxially oriented polypropylene) as base material. We use extrusion coating process to combine layers of BOPP film and thermal laminating adhesive.

APPLICATIONS

-Textbook cover
-Leaflets
-Cosmetics
-Diaries
-Brochures
-Sweet boxes
-Shopping bags

FEATURES

Bopp films has a density close 0,90 g/m³ and hence it provides high yield (m² per kg) in the same cost with comparison to some other films like polyester films.
Wide variety of BOPP films are easily available therefore BOPP thermal laminating films. For example - Matte, Glossy,
Silky matte etc.
Excellent gloss, high transparency, good moisture barrier, good chemical resistance. BOPP films has reasonable strength for lamination purpose.

Advantages of BOPP thermal laminating film made it popular in lamination business. Wet lamination was used some time back for making laminates. BOPP films have a wide range of aesthetics and hence it is easily possible to have various looks of laminating films.

TECHNICAL INFORMATION

PROPERTIES	VALUE	UNIT	TEST METHOD
Nominal Thickness (± 3%)	20	Micron	ASTM D-374
Width	Tolerance ± 2 mm	mm	Internal
Yield	54,49	m^2kg	Internal
Length	Nomimal 2000m o 3000m	m	Internal
Core	Cardboard Inside diameter 76mm wall thickness 8mm	-	-
Splices	Nil Preferred, 2 below	-	-
Treatment Level	BOPP side: 38 dyne EVA side: 52 dyne	dyne/cm	ASTM D-2578
Sealing stength	g/15mm at 90ºC	560	-
Lamination temp range	85 - 110 ºC	º C	Internal
	15mpa	kg/cm^2	Internal
Heat sealing initiation	80 - 90 ºC	º C	Internal

STORAGE AND TRANSPORT TERMS AND CONDITIONS

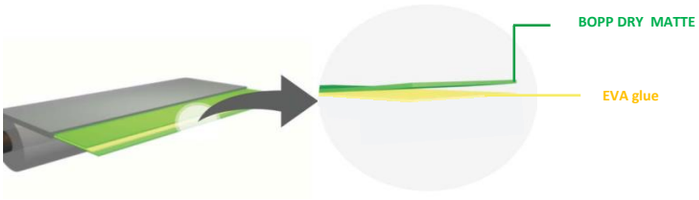
The storage / transport are carried out in dry, covered and clean warehouses / means of transport.
The film should be stored away from heat sources, without direct sunlight or UV radiation.
The recommended temperature for storage l transport is 10 - 300C. If the temperature is not in these limits you can observe problems as bellow:

- Decrease of dyne level
- Higher haze of the film
- Poor adhesion of the film surface that can be a problem for laminating and printing
- Extremely low COF may create problems for next processing

Excessive humidity can be a reason for film blocking.
It is recommended that BOPP thermal laminating film should be allowed to reach operating room temperature for 24 hours before use. It is advisable that the BOPP thermal laminating film should be laminated because the metalized layer is not resistant to scratches. Before printing on metalized films, it is strongly recommended to apply a primer.
Adherence to the above mentioned storage conditions ensures that the film is suitable to be used up to 6 months after the date from production of metalized film.

DISCLAIMER

The property given in the technical data sheet do not constitute product specification but represent typical performance values based on the best of our knowledge and believed to be accurate. These are given in good faith but it is for the costumer to satisfy of the suitability for its own particular purpose. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability / compatibility in all respects. Comarbel does not guarantee the typical values. Comarbel reserves the right to change the technical data sheet at any time for enhancing the quality of the products without prior information.



BOPP DRY MATTE 20 MICRON

SPECIFICATION

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APPLICATIONS

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-Leaflets
-Cosmetics
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-Shopping bags

FEATURES

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TECHNICAL INFORMATION

PROPERTIES	VALUE	UNIT	TEST METHOD
Nominal Thickness (± 3%)	20	Micron	ASTM D-374
Width	Tolerance ± 2 mm	mm	Internal
Yield	55,86	m²kg	Internal
Length	Nomimal 2000m o 3000m	m	Internal
Core	Cardboard Inside diameter 76mm wall thickness 8mm	-	-
Splices	Nil Preferred, 2 below	-	-
Treatment Level	BOPP side: 38 dyne EVA side: 52 dyne	dyne/cm	ASTM D-2578
Sealing stength	g/15mm at 90ºC	560	-
Lamination temp range	85 - 110 ºC	º C	Internal
	15mpa	kg/cm²	Internal
Heat sealing initiation	80 - 90 ºC	º C	Internal

STORAGE AND TRANSPORT TERMS AND CONDITIONS

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