

TECHNICAL DATA SHEET



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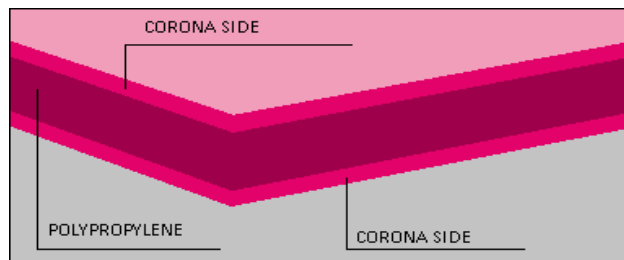
K13_K15 MATT (Bopp)

Profile:

- Matt biaxially oriented polypropylene, both-side's corona treated laminating and packaging film.

Features:

- Good optical matt finish, good antistatic properties
- Good machinability and slip modification
- Good printability and UV Varnish acceptability
- Good Tensile strength
- Food contact declaration (on request)
- CEN Standard EN 71/3 and its successive amendments.
- Microwave: PP has a Melting point of approx. 130°C.
This means the film can be used in a 900-watt microwave for a maximum of 3 minutes, although we do strongly recommend prior tests are made to be sure actual application is suitable.



Applications:

- Wet lamination onto all kinds of printed & unprinted paper & paperboards, book covers, magazines, brochures, posters, menu cards, cartons etc. and food packaging applications.

PHYSICAL PROPERTIES ± 5%		TEST METHOD	UNIT	VALUES
Thickness		Micrometer	micron (µm)	13 _ 15
Grammage		Internal	gm/m ²	11,4_13,2
Density		Internal	gm/cc	0,88
Yield		D-4321	m ² /kg	87,4_75,8
Co-efficient of friction	film/film	ASTM D 1894	-	0,35
Wetting tension	Matt side / Gloss side	ASTM D 2578	Dyne/cm	42 / 38
MECHANICAL PROPERTIES ± 5%		TEST METHOD	UNIT	VALUES
Tensile strength	MD	ASTM D-882	Kg/cm ²	1100
	TD			2200
Elongation	MD	ASTM D-882	%	180
	TD			70
THERMAL PROPERTIES ± 5%		TEST METHOD	UNIT	VALUES
Shrinkage 120°C 5 min	MD	ASTM D1204	%	5,0
	TD			3,0
OPTICAL PROPERTIES ± 3%		TEST METHOD	UNIT	VALUES
Gloss 45°		ASTM D 2457	GU	< 10
Haze		ASTM D 1003	%	> 75

MD = Machine Direction TD = Transverse Direction

Storage conditions: For best film performance store in a dry, clean location away from direct sunlight. Approx. 20°C, 40% relative humidity. Wrapped in plastic or packed in carton boxes.

Disclaimer: The information provided above is to the best of knowledge of the supplier, the values provided are test results, which are indicative only and provided for guidelines.

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The aforementioned data are given most conscientiously but without any obligation. Any processing details are provided merely for guidance, it is the user's responsibility to check the suitability of the product for the intended application.

Warranty: This film has a warranty of 180 days from the date on the invoice; claims after 180 days from the date on the invoice cannot be accepted. Please always keep the full label details of the roll available for warranty purposes, without full label details claims cannot be handled or accepted.

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