

TECHNICAL DATA SHEET



Article code 30S

K12 PET BLACK

Profile:

* (BO-PET) Polyester black coloured film, colour in mass (means the colour is in the film). Extra corona treatment outside of the roll for special applications such as UV spot varnishing or hot foil stamping. inside of roll is for applying the adhesive.

Features:

- * Good optical finish
- * Suitable for UV Varnishing, Hot foil stamping and gluing (Note! It is highly recommended tests are made prior to the actual job to find the correct parameters and correct type of glue for the required application).

Applications:

- * Food packaging and packaging decoration such as boxes and so on....
- * Film is not suitable for use in oven or microwave.

Physical Properties $\pm 5\%$	Unit	Test Method	Values
Thickness	μm	ISO 4593	12
Yield	m^2/kg		59, 5
Density	g.cm	ISO 1183-2	1.380 ~ 1.430
Coefficient of friction (Film / film)	Kinetic	ISO 8295	0.6
Surface tension (Extra Corona treated outside)	Dynes/cm	ASTM D 1003	min 38
Surface tension (un-treated inside)	Dynes/cm	-	38

Optical Properties $\pm 5\%$	Unit	Test Method	Values
Haze	%	ASTM D 2578	20 (min.)

Mechanical Properties $\pm 5\%$	Unit	Test Method	Values
Tensile strength (MD/TD)	N.mm	ISO 527-3	200/200
Elongation at break (MD/TD)	%	(shift speed of clips 100 mm/min)	80/ 70
Shrinkage, max (MD/TD)	%	ASTM D 1204 (150°C 15 min.)	3 / 3

MD = Machine direction TD = Transverse direction

Storage conditions: For best performance, store film in a dry, clean location away from direct sunlight and heat sources and wrapped in plastic or in a carton box at approx. 20°C, 40% of relative humidity.

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 product has a warranty of 120 days from the date on the invoice; claims after 120 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 accepted or handled.

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