

TECHNICAL DATA SHEET



Article code 02S

K15 SILK (Bopp)

Profile:

- Silky matt biaxially oriented polypropylene, two-side's corona treated laminating and packaging film.

Features:

- Good optical silky matt finish one side
- Good antistatic properties
- Good machinability and slip modified
- Good ink adhesion
- Good Tensile strength
- CEN Standard EN 71/3 and its successive amendments.

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 ± 3%		TEST METHOD	UNIT	VALUES
Thickness		Micrometer	micron (µm)	15
Unit Weight		Internal	g/m ²	13,05
Density		Internal	g/cc	0,87
Yield		D-4321	m ² /kg	76,63
Co-efficient of friction	film/film	ASTM D 1894	-	0,35 > 0,50
Wetting tension	two sides	ASTM D 2578	Dyne/cm	38
MECHANICAL PROPERTIES ± 5%		TEST METHOD	UNIT	VALUES
Tensile strength	MD	ASTM D-882	Kg/cm ²	1100 - 1400
	TD			2400 - 2700
Elongation	MD	ASTM D-882	%	130 - 180
	TD			30 - 70
THERMAL PROPERTIES ± 5%		TEST METHOD	UNIT	VALUES
Shrinkage 120°C 5 min	MD	ASTM D1204	%	3,0 - 5,0
	TD			1,0 - 3,0
OPTICAL PROPERTIES ± 3%		TEST METHOD	UNIT	VALUES
Gloss 45° (Silk side)		ASTM D 2457	Gardner	22 - 30
Haze -----		ASTM D 1003	%	30 - 38

MD = Machine direction TD = Trasverse 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.

Ultralen® registered trademark

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.

10.11.2022