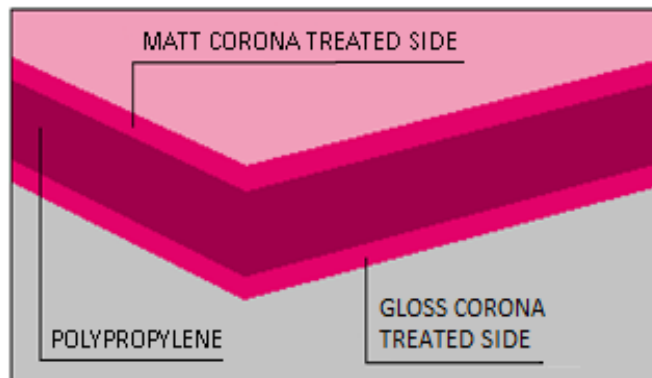


TECHNICAL DATA SHEET

K15 SILK

K15 SILK is bioriented polypropylene film with one side silky matte (*outside*) and the other side gloss.

This film complies with EN-71 (declaration on request). This film is not suitable to come into direct contact with food.



TYPICAL TECHNICAL FEATURES ⁽¹⁾

PHYSICAL PROPERTIES		METHOD	UNIT	VALUE <i>code 120/02</i>
Thickness		ASTM D374-C	µm	15
Grammage		Internal	g/m ²	13,05
COF (<i>matte side/matte side</i>)	dynamic	ASTM D1894	-	0.35 - 0.50
Surface tension	both side	ASTM D2578	dyne/cm	38

MECHANICAL PROPERTIES		METHOD	UNIT	VALUE <i>Code 120/02</i>
Tensile strength at break	MD	ASTM D882	Kg/cm ²	1.100 - 1.400
	TD			2.400 - 2.700
Elongation at break	MD	ASTM D882	%	140 - 200
	TD			30 - 70

THERMAL PROPERTIES		METHOD	UNIT	VALUE <i>code 120/02</i>
Thermal shrinkage (120°C/5min)	MD	ASTM D1204	%	3 - 5
	TD			1 - 3

OPTICAL PROPERTIES		METHOD	UNIT	VALUE <i>code 120/02</i>
Haze		ASTM D1003	%	40 - 50
Goss	45°	Internal	GU	17 - 21

⁽¹⁾ The information and data contained herein are to be used only as a guideline; therefore, ULTRALEN FILM GmbH doesn't offer any guarantee on their absolute truthfulness and doesn't accept any liability arising out of their use.

ULTRALEN FILM GmbH

LUSTGARTENSTRASSE, 6 - 79576 WEIL AM RHEIN - DEUTSCHLAND
USt.ID: DE229822516

Ed. 01 issued on 2020/05/21
Rev.01 issued on 2024/08/26

Tel.: (0049) 76214223880 Fax: (0049) 76214223839
e-mail: info@ultralen.com web: www.ultralen.com

STORAGE

Store the material in a dry location (preferably with RH < 50%) at a constant temperature between 20°C and 30°C. Do not leave it exposed to direct sunlight or atmospheric agents.

Partially used reels have to be repacked as originally supplied.

WARRANTY

Material processability is guaranteed up to 3 months since shipment date, as long as it is stored correctly. It is recommended to condition the material at room temperature at least 24 hours before its use.

DISCLAIMERS

ULTRALEN FILM GmbH gives no warranty, expressed or implied, as to the suitability of the material for a specific application or characteristic use. An industrial homologation test of the material in actual conditions of purpose is always needed in order to verify its suitability for the specific application or characteristic use. Before using the material, it is advisable to check the compatibility of the inks and adhesives to be purposed with the type and level of its treatment.

ULTRALEN FILM GmbH

LUSTGARTENSTRASSE, 6 - 79576 WEIL AM RHEIN - DEUTSCHLAND

USt.ID: DE229822516

Tel.: (0049) 76214223880 Fax: (0049) 76214223839

e-mail: info@ultralen.com web: www.ultralen.com