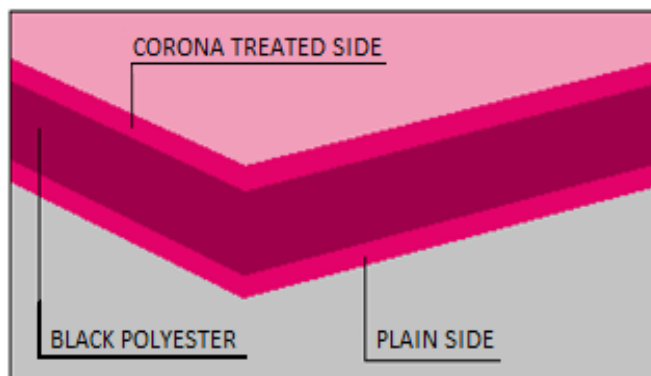


**TECHNICAL
DATA SHEET**
K 1 2 P E T B L A C K

K12 PET BLACK is a coloured in mass polyester film with one side corona treated (*outside*) and the other side plain.

This film is suitable to come into contact with food (declaration on request).


TYPICAL TECHNICAL FEATURES ⁽¹⁾

PHYSICAL PROPERTIES		METHOD	UNIT	VALUE <i>code 430/30</i>
Thickness		ISO 4593	µm	12 ± 0,6
Grammage		Internal	g/m ²	16,86 ± 0,3
COF (<i>film/film</i>)	dynamic	ISO 8295	-	≤ 0,60
Surface tension	corona side	ASTM D2578	dyne/cm	48

MECHANICAL PROPERTIES		METHOD	UNIT	VALUE <i>Code 430/30</i>
Tensile strength at break	MD	ISO 527-3	N/mm ²	≥ 200
	TD			≥ 200
Elongation at break	MD	ISO 527-3	%	≥ 80
	TD			≥ 70

THERMAL PROPERTIES		METHOD	UNIT	VALUE <i>code 430/30</i>
Thermal shrinkage (150°C/15min)	MD	ASTM D1204	%	≤ 3
	TD			≤ 3

OPTICAL PROPERTIES		METHOD	UNIT	VALUE <i>code 430/30</i>
Haze		ASTM D1003	%	≥ 20

⁽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
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STORAGE

Store the material in a dry location (preferably with RH < 50%) at a constant temperature between 10°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.

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