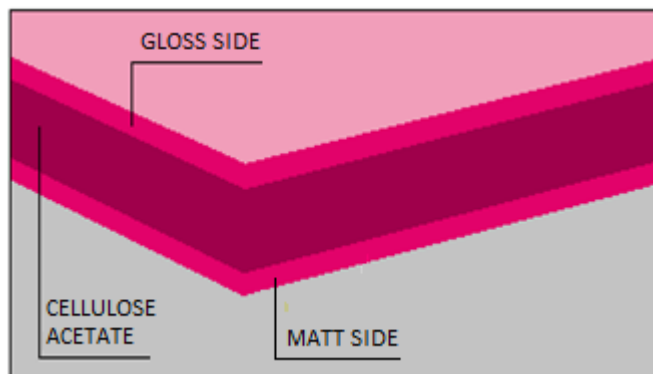


TECHNICAL DATA SHEET

K20 ACETATE MATT

K20 ACETATE MATT is a cellulose acetate film with one matt side.

This film is biodegradable and compostable according to the standard EN 13432:2002, home compostable certified, suitable to come into contact with food and complies with EN-71 (declarations on request).



TYPICAL TECHNICAL FEATURES ⁽¹⁾

PHYSICAL PROPERTIES		METHOD	UNIT	VALUE code 127/61
Thickness		Internal	µm	20 ± 1
Grammage		Internal	g/m ²	26,40 ± 1,32
COF	dynamic	Internal	-	0,40 - 0,65
Surface tension		Internal	dyne/cm	38 - 42

MECHANICAL PROPERTIES		METHOD	UNIT	VALUE code 127/61
Tensile strength at break	MD	ASTM D882	N/mm ²	80 - 100
Elongation at break	MD	ASTM D882	%	25 - 45

THERMAL PROPERTIES		METHOD	UNIT	VALUE code 127/61
Thermal shrinkage (115°C/10min)	MD	Internal	%	1,0 - 1,5

CHEMICAL PROPERTIES	METHOD
<ul style="list-style-type: none"> - Very low resistance to esters - Low resistance to ketons - Moderate resistance to concentrated strong acids and bases - Resistance to non-polar solvents 	ASTM D543-87

⁽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

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OPTICAL PROPERTIES		METHOD	UNIT	VALUE <i>code 127/61</i>
Haze		ASTM D1003	%	72
Transmittance		ASTM D1746		16,6
Gloss	60°	ASTM D523	GU	8,5

STORAGE

Store the material in a dry location (preferably with RH \cong 45%) at a constant temperature between 15°C and 25°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 6 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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