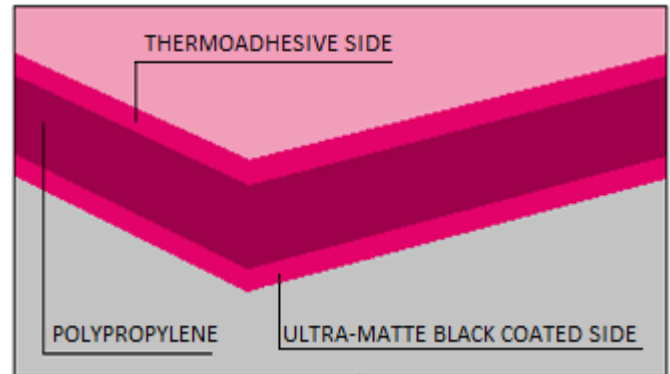


TECHNICAL DATA SHEET

TK BLACK ULTRASOFT

TK BLACK ULTRASOFT is a bioriented polypropylene film, with one side ultra-matte black coated featuring a smooth tactile effect. The other side is thermoadhesive, suitable for paper and board thermal lamination.

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 code 158/60
Thickness		Internal	µm	35
Grammage		Internal	g/m ²	32
COF (ultra-matte side / ultra-matte side)	dynamic	Internal	-	0,8
Surface tension	coated side	ASTM D2578	dyne/cm	≥ 45

THERMAL PROPERTIES		METHOD	UNIT	VALUE code 158/60
Lamination temperature	adhesive side	Internal	°C	105 - 120 ⁽⁺⁾

⁽⁺⁾ variable according to the processing conditions

OPTICAL PROPERTIES		METHOD	UNIT	VALUE code 158/60
Gloss (ultra-matte side)	45°	ASTM D2457	GU	≤ 1

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 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.

⁽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.

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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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