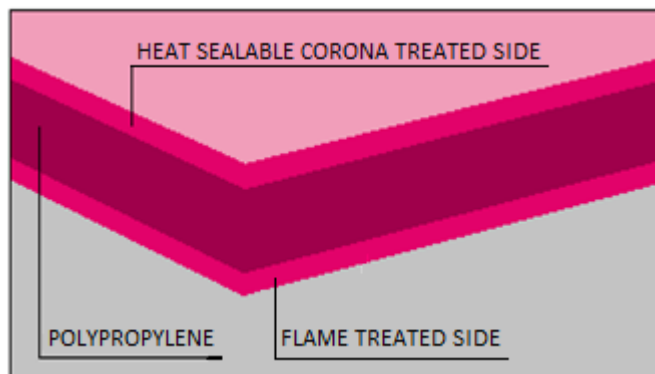


TECHNICAL DATA SHEET

K 20 B I - T

K20 BI-T is a transparent bioriented polypropylene film with one side corona treated and heat sealable the other side is flame treated (*outside*).

This film does not comply with EN-71.



TYPICAL TECHNICAL FEATURES ⁽¹⁾

PHYSICAL PROPERTIES		METHOD	UNIT	VALUE code 123/58
Thickness		Internal	µm	20 ± 0,4
Grammage		Internal	g/m ²	18,1 ± 0,362
COF	dynamic	ISO 8295	-	≤ 0,3
Surface tension	corona side	ASTM D2578	dyne/cm	≥ 38
	flame side			≥ 38

MECHANICAL PROPERTIES		METHOD	UNIT	VALUE code 123/58
Tensile strength at break	MD	ISO 527	MPa	105 - 195
	TD			235 - 325
Elongation at break	MD	ISO 527	%	190 - 250
	TD			30 - 90

SEALING PROPERTIES		METHOD	UNIT	VALUE code 123/58
SIT (<i>heat sealable side / heat sealable side</i>)		DIN 55529	°C	≤ 125
Seal strength		DIN 55529	N/15mm	≥ 2,5

OPTICAL PROPERTIES		METHOD	UNIT	VALUE code 123/58
Gloss	45°	ASTM D2457	GU	≥ 80
Haze		ASTM D1003	%	≤ 3,0

⁽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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Rev.02 issued on 2025/05/14

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.

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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