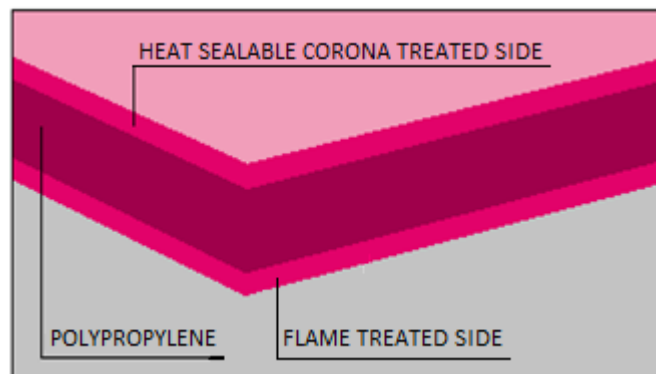


TECHNICAL DATA SHEET

K 20 BI - T

K20 BI-T is a transparent bioriented polypropylene film with both sides corona treated and one side is heat sealable.

This film is 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 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 (heat sealable side / heat sealable side) | | 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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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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