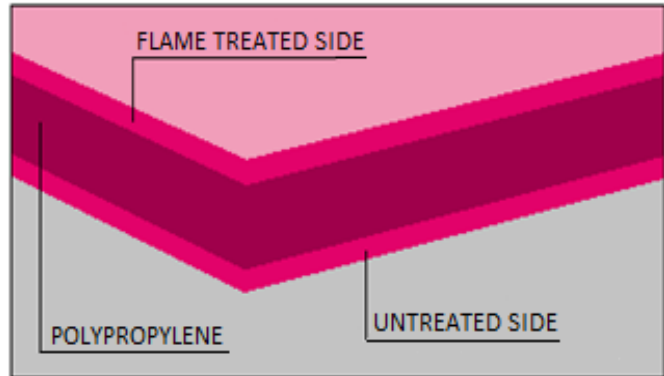


TECHNICAL DATA SHEET

K20 MONO-T VLD

K20 MONO-T VLD is a transparent bioriented polypropylene film with one side flame treated.

This film is suitable to come into contact with food (declaration on request). This film does not comply with EN-71.



TYPICAL TECHNICAL FEATURES ⁽¹⁾

PHYSICAL PROPERTIES		METHOD	UNIT	VALUE <i>code 320/58</i>
Thickness		Internal	µm	20 ± 0,4
Grammage		Internal	g/m ²	18,1 ± 0,36
Surface tension	Treated side	ASTM D2578	Dyne/cm	≥ 40

MECHANICAL PROPERTIES		METHOD	UNIT	VALUE <i>code 320/58</i>
Tensile strength at break	MD	ISO 527	Mpa	115 - 205
	TD			255 - 345
Elongation at break	MD	ISO 527	%	150 - 210
	TD			20 - 80

OPTICAL PROPERTIES		METHOD	UNIT	VALUE <i>code 320/58</i>
Haze		ASTM D1003	%	≤ 1,6
Gloss	45°	ASTM D2457	GU	≥ 90

THERMAL PROPERTIES		METHOD	UNIT	VALUE <i>Code 320/58</i>
Thermal shrinkage (120°C/5min)	MD	Internal	%	< 5,0
	TD			< 2,5

⁽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
USt.ID: DE229822516

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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USt.ID: DE229822516

Tel.: (0049) 76214223880 Fax: (0049) 76214223839

e-mail: info@ultralen.com web: www.ultralen.com