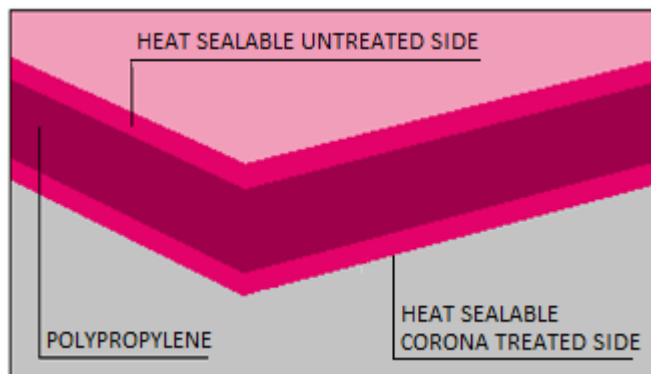


TECHNICAL DATA SHEET

K20 COEX GLOSS

K20 COEX GLOSS is a bioriented polypropylene film both sides heat sealable, with one side corona treated (outside) and the other one untreated.

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 <i>code 800/77</i>
Thickness		Internal	µm	20 ± 1
Grammage		Internal	g/m ²	18,20 ± 0,91
COF (film/film)	static	ASTM D1894	-	≤ 0,30
Surface tension	corona side	ASTM D2578	dyne/cm	≥ 38

MECHANICAL PROPERTIES		METHOD	UNIT	VALUE <i>code 800/77</i>
Tensile strength at break	MD	ASTM D882	kg/cm ²	1.400 - 1.700
	TD			2.600 - 3.000
Elongation at break	MD	ASTM D882	%	≤ 225
	TD			≤ 65

SEALING PROPERTIES		METHOD	UNIT	VALUE <i>code 800/77</i>
Sealing temperature range		Internal	°C	105 - 140
Seal strength (130°C/1bar/1s) (film/film)		Internal	g/15mm	≥ 270

THERMAL PROPERTIES		METHOD	UNIT	VALUE <i>code 800/77</i>
Thermal shrinkage	MD	ASTM D1204	%	≤ 4,0

⁽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

LUSTGARTENSTRASSE, 6 - 79576 WEIL AM RHEIN - DEUTSCHLAND

Ust.ID: DE229822516

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

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

(150°C/30min)	TD			≤ 2,0
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OPTICAL PROPERTIES		METHOD	UNIT	VALUE <i>code 800/77</i>
Gloss	45°	ASTM D2457	GU	≥ 85
Haze		ASTM D1003	%	≤ 3,0

BARRIER PROPERTIES		METHOD	UNIT	VALUE <i>code 800/77</i>
WVTR (38°C/90%RH)		ASTM F1249	g/(m ² ·24h)	7,0
O ₂ TR (23°C/0%RH)		ASTM D3985	cm ³ /(m ² ·24h·bar)	2.140

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.

