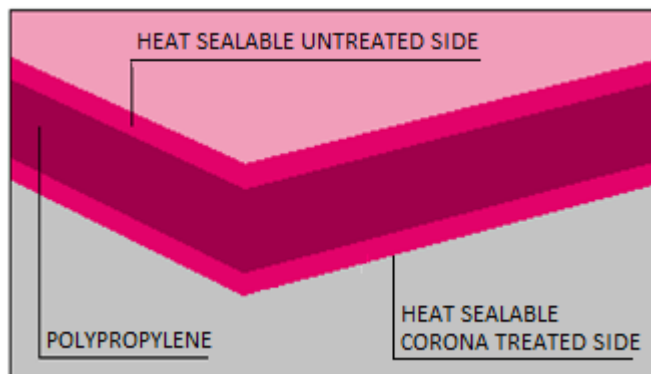


TECHNICAL DATA SHEET

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 (declarations on request).



TYPICAL TECHNICAL FEATURES ⁽¹⁾

PHYSICAL PROPERTIES		METHOD	UNIT	VALUE <i>code 800/58</i>
Thickness		Internal	μm	20 ± 0,4
Grammage		Internal	g/m ²	18,10 ± 0,362
COF	(treated side/ treated side)	ISO 8295	-	≤ 0,30
	(untreated side / untreated side)			
Surface tension	corona side	ASTM D2578	dyne/cm	≥ 38

MECHANICAL PROPERTIES		METHOD	UNIT	VALUE <i>code 800/58</i>
Tensile strength	MD	ISO 527	MPa	≥ 125
	TD			≥ 235
Elongation at break	MD	ISO 527	%	≤ 240
	TD			≤ 80

SEALING PROPERTIES		METHOD	UNIT	VALUE <i>code 800/58</i>
Initial sealing temperature	(treated side/ treated side)	DIN 55529	°C	≤ 128
	(untreated side / untreated side)			≤ 109
Seal strength	(treated side/ treated side)	DIN 55529	N/15mm	≥ 2,5
	(untreated side / untreated side)			≥ 2,5

THERMAL PROPERTIES		METHOD	UNIT	VALUE <i>code 800/58</i>
Thermal shrinkage (120°C/5min)	MD	Internal	%	≤ 4,0
	TD			≤ 2,0

⁽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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OPTICAL PROPERTIES		METHOD	UNIT	VALUE <i>code 800/58</i>
Gloss	45°	ASTM D2457	GU	≥ 80
Haze		ASTM D1003	%	≤ 3,0

STORAGE

Store the material in a dry location (preferably with $RH \leq 50\%$) 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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