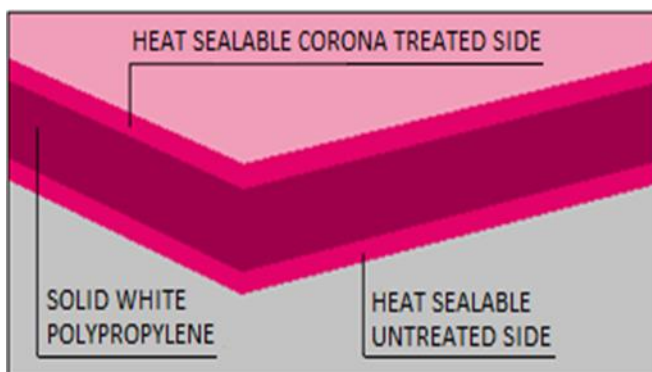


TECHNICAL DATA SHEET

K20 COEX WHITE SOLID

K20 COEX WHITE SOLID is a solid white bioriented polypropylene film with 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 (declaration on request).



TYPICAL TECHNICAL FEATURES ⁽¹⁾

PHYSICAL PROPERTIES		METHOD	UNIT	VALUE <i>code 635/77</i>
Thickness		ASTM F2251	µm	20 ± 1
Grammage		Internal	g/m ²	19,20 ± 0,96
COF (<i>untreated side/untreated side</i>)	dynamic	ASTM D1894	-	0,25 - 0,35
Surface tension	corona side	ASTM D2578	dyne/cm	≥ 38

MECHANICAL PROPERTIES		METHOD	UNIT	VALUE <i>code 635/77</i>
Tensile strength at break	MD	ASTM D882	kg/mm ²	11 - 15
	TD			22 - 30
Elongation at break	MD	ASTM D882	%	150 - 220
	TD			30 - 70

SEALING PROPERTIES		METHOD	UNIT	VALUE <i>code 635/77</i>
Sealing temperature range		Internal	°C	105 - 140
Seal strength (130°C/1bar/1s) (<i>untreated side/untreated side</i>)		Internal	g/15mm	≥ 240

THERMAL PROPERTIES		METHOD	UNIT	VALUE <i>code 635/77</i>
Thermal shrinkage (150°C/30min)	MD	ASTM D1204	%	≤ 5,0
	TD			≤ 2,0

OPTICAL PROPERTIES		METHOD	UNIT	VALUE
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⁽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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Revision 00 issued on 26/02/24

<i>code 635/77</i>				
Gloss	45°	ASTM D2457	GU	≥ 40
Opacity		Internal	%	≥ 60

BARRIER PROPERTIES	METHOD	UNIT	VALUE <i>code 635/77</i>
WVTR (38°C/90%RH)	ASTM F1249	g/(m ² ·24h)	6,6 - 7,1
O ₂ TR (23°C/0%RH)	ASTM D3985	cm ³ /(m ² ·24h·bar)	1.600 - 1.900

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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