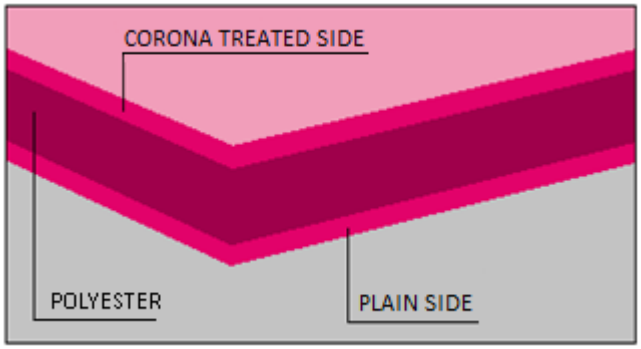
TECHNICAL DATA SHEET

K36 PET CORONA

K36 PET CORONA is a bioriented polyester film with one side corona treated *(inside)* and the other one plain.

This film is suitable to come into contact with food. (declaration on request).



TYPICAL TECHNICAL FEATURES [(1)]

PHYSICAL PROPERTIES		METHOD	UNIT	VALUE *code 435/81*
Thickness		Internal	µm	36 ± 0,48
Grammage		Internal	g/m^2	50,4 ± 0,67
COF *(corona side /plain side)*	static	ASTM D1894	-	≤ 0,65
	dynamic			≤ 0,55
Surface tension	corona side	ASTM D2578	dyne/cm	≥ 52

MECHANICAL PROPERTIES		METHOD	UNIT	VALUE *code 435/81*
Tensile strength at break	MD	ASTM D882	MPa	≥ 160
	TD			≥ 160
Elongation at break	MD	ASTM D882	%	≥ 70
	TD			≥ 70

THERMAL PROPERTIES		METHOD	UNIT	VALUE *code 435/81*
Thermal shrinkage (150°C/30min)	MD	ASTM D1204	%	≤ 2,8
	TD			≤ 0,5

OPTICAL PROPERTIES		METHOD	UNIT	VALUE *code 435/81*
Haze		ASTM D1003	%	≤ 5,0
Transmittance				≥ 85
Gloss	45°	ASTM 2457	GU	≥ 110

[(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.**

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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.