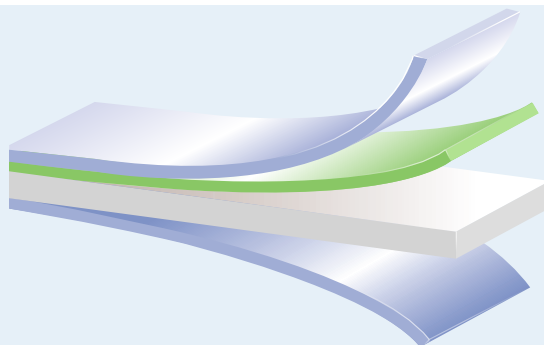


Propacast™ KL

Technical Data Sheet

KL - Transparent polypropylene cast (CPP) film with sealable layers



- Treated Heat Sealable Layer
- Transparent Interlayer
- Transparent Core
- Non Treated Heat Sealable Layer

Features

- One side corona treated (outer side of the reel)
- Very good sealability
- High flexibility
- Good slip and antiblock properties facilitate its processing on automatic packaging machines (on untreated side)
- Higher coefficient of friction on treated side

Applications

- Flexographic and rotogravure printing
- Lamination
- Packaging material for foodstuff, fancy goods, etc.

Technical Properties (Typical Values)

Property	Test Method	Test Conditions	Units	KL		
Thickness	ISO 4593		micron	20	25	30
Yield Unit weight	ISO 536		m ² /kg	55.56	44.44	37.04
			g/m ²	18.00	22.50	27.00
Haze (wide angle)	ASTM D 1003	2.5°	%	2.5	2.5	2.7
Density	ISO 845		g/cm ³	0.90		
Gloss	ASTM D 2457	45°	GU	100		
Coefficient of friction (inner/inner) (outer/outer)	ISO 8295	Dynamic		0.25		
				0.80		
Corona treatment	ISO 8296		mN/m (dyne)	36		
Tensile Strength	ISO 527-1,-3		N/mm ²	MD	60	
				TD	35	
Elongation at break	ISO 527-1,-3		%	MD	700	750
				TD	900	900
Heat seal strength (inner/inner)	Innovia Films test	1"; 150N; 130°C	N/15mm	4.5	5.0	6.5
Sealing range*	Innovia Films test	1"; 150N; 130°C	°C	120-150		

*The selection of sealing temperatures depends on the characteristic of heat sealing bars and packaging process speed.

Other thicknesses are available on request.

MD Machine Direction TD Transverse Direction

All properties are tested under standard laboratory conditions: 23 ± 2°C, 50 ± 5% RH, unless otherwise stated. Where relevant, tests are based on international testing standards.

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Technical Data Sheet

Reel Specifications

Nominal Reel Diameters

Film	Outside Diameter 570mm (metres) - core 76mm	Outside Diameter 570mm (metres) - core 152mm	Outside Diameter 770mm (metres) - core 152mm
KL 20	8600	8400	17000
KL 25	7200	7000	14200
KL 30	6200	6000	12200

ns= non standard.

Other reel lengths are available subject to negotiation.

Reel Labelling

Different films have various special surfaces; these are indicated on the reel labels.

Film Storage and Handling

Recommended processing conditions: 15-35°C, humidity below 75% RH. Before processing it is recommended to season the film in the processing conditions at temperature 20°C for a minimum of 24 hours.

In case of transporting or storing the film:

- below +15°C or above +35°C seasoning time should be extended to 48 hours;
- below + 5°C or above +40°C seasoning time should be extended to 72 hours.

Compliance with the above guarantees correct film processing.

Food Contact

Propacast™ KL complies with the applicable EU legislation for most applications involving direct contact with foods. Full details are given on the Declaration of Compliance. Customers intending to use Propacast™ KL in a food contact application should request a copy of this document from Innovia Films. Details of compliance with food contact legislation in non-EU countries are also available upon request.

Health & Safety Guidelines

For Health & Safety information, please refer to Innovia Poland's Quality documents.

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