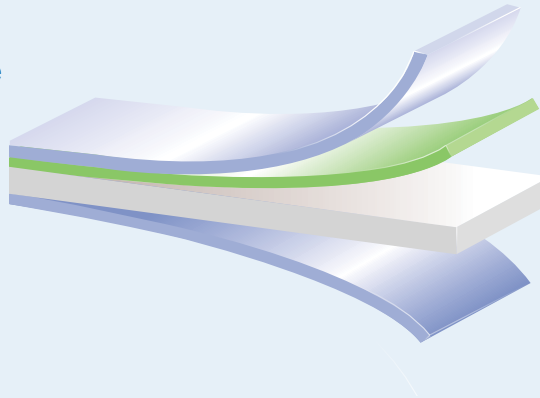


Propacast™ KG

Technical Data Sheet

KG - 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
- Low water vapour and odour permeability
- Good slip and antiblock properties facilitate its processing on automatic packaging machines

Applications

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

Technical Properties (Typical Values)

Property	Test Method	Test Conditions	Units	KG			
				20-29	30-49	50-69	70-90
Thickness	ISO 4593		micron	20-29	30-49	50-69	70-90
Yield Unit weight	ISO 536		m ² /kg g/m ²	55.56-38,31 18.00-26.10	37.04-22.68 27.00-44.10	22.22-16.10 45.00-62.10	15.87-12.35 63.00-81.00
Density	ISO 845		g/cm ³	0.90			
Haze (wide angle)	ASTM D 1003	2.5°	%	2.5			
Gloss	ASTM D 2457	45°	GU	97			
Coefficient of friction (inner/inner)	ISO 8295	Dynamic		0.25			
Corona treatment	ISO 8296		mN/m (dyne)	36			
Tensile Strength	ISO 527-1,-3		N/mm ²	MD 30	50 35	50 40	50 40
Elongation at break	ISO 527-1,-3		%	MD 630	800 900	860 900	890 910
Heat seal strength (inner/inner)	Innovia Films test	1"; 150N; 130°C	N/15mm	5.0	7.0	11.0	16.0
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.

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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Propacast™ KG

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
KG 20-29	10800 - 7400	10500 - 7200	21300 - 14700
KG 30-49	7200 - 4400	7000 - 4300	14200 - 8700
KG 50-69	4300 - 3200	4200 - 3100	8500 - 6200
KG 70-90	3100 - 2500	3000 - 2400	6100 - 4800

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™ KG 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™ KG 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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