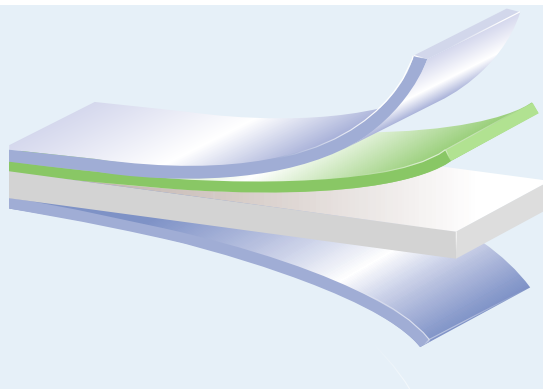


# Propacast™ KF

## Technical Data Sheet

**KF-** Transparent polypropylene cast (CPP) film with one side low temperature sealing layer and one side corona treated layer



- Treated Sealable Layer
- Transparanet Interlayer
- Transparent Core
- Low Temperature Sealable Layer

### Features

- One side low temperature sealing
- Wide heat seal range
- One side corona treated
- Good COF and anti-block properties to facilitate processing on packaging machines

### Applications

Form's part of a laminate solution for the following;

- HFFS
- VFFS
- Lidding

### Technical Properties (Typical Values)

| Property                              | Test Method        | Test Conditions | Units                                  | KF           |
|---------------------------------------|--------------------|-----------------|--|--------------|
| Thickness                             | ISO 4593           |                 | micron                                 | 30           |
| Yield Unit weight                     | ISO 536            |                 | m <sup>2</sup> /kg<br>g/m <sup>2</sup> | 37.0<br>27.0 |
| Density                               | ISO 845            |                 | g/cm <sup>3</sup>                      | 0.90         |
| Haze (wide angle)                     | ASTM D 1003        | 2.5°            | %                                      | 5.0          |
| Coefficient of friction (inner/inner) | ISO 8295           | Dynamic         |  | 0.30         |
| Corona treatment                      | ISO 8296           |                 | mN/m (dyne)                            | 38           |
| Tensile Strength                      | ISO 527-1,-3       |                 | N/mm <sup>2</sup> MD<br>TD             | 55<br>35     |
| Elongation at break                   | ISO 527-1,-3       |                 | % MD<br>TD                             | 650<br>750   |
| Heat seal strength (inner/inner)      | Innovia Films test | 1"; 150N; 130°C | N/15mm                                 | 5.0          |
| Sealing range*                        | Innovia Films test | 1"; 150N; 130°C | °C                                     | 90-150       |

\*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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### Reel Specifications

#### Nominal Reel Diameters

| Film | Outside Diameter 570mm (metres) - core 76mm | Outside Diameter 570mm (metres) - core 152mm | Outside Diameter 770mm (metres) - core 152mm |
|------|---|--|--|
| KF30 | 7200  | 7000   | 14200  |

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

Please contact your local Innovia Films Representative for guidance.

### Health & Safety Guidelines

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

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