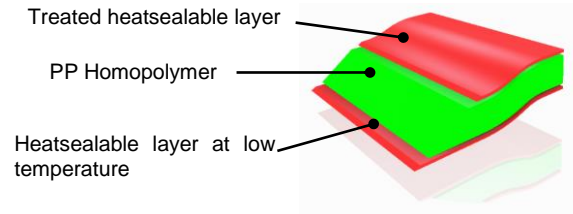


Film reference:  
**CATE\_LOW**

Thickness (µm):  
**15-20-30**

### 1. PRODUCT FEATURES

- Transparent BOPP film.
- Suitable for rotogravure and flexographic printing and lamination.
- Excellent optical properties, gloss and transparency.
- High yield and good mechanical properties.
- Heatsealable at exceptional low temperature on untreated side.
- Strong seal in a wide range of temperatures.
- Great versatility in the packaging industry.
- Good barrier against moisture and odours.
- Higher effectiveness than coated films.
- Low environmental impact.



### 2. MIGRATION CHARACTERISTICS

- Complies with the specifications in force.

### 3. USE

- Suitable for flexographic printing, gravure, high speed packaging.
- Food industry. The film complies with EU and the FDA regulations for use in food contact.

PROPERTIES		UNIT	VALUE APPLIED CATE_LOW			TOLERANCE	TEST METHOD
Thickness		microns	15	20	30	±5%	ISO 4591
Unit weight		g/m <sup>2</sup>	13,7	18,2	27,3	±7%	ISO 4591
Yield		m <sup>2</sup> /kg	73,3	54,9	36,6	±7%	ISO 4591
Tensile strength at break	MD TD	N/mm <sup>2</sup>	130 240			≥ N-30	ISO 527
Elongation at break	MD TD	%	200 60			≤ N+20	ISO 527
Shrinkage	MD TD	%	5 2			≤ N+1,5	ISO 11501
Surface treatment level	TS OS	dynes/cm	38 35			≥ 38 ≤ 35	ISO 8296
Heatsealing resistance		N/15 mm	2,0	2,5	3,5	≥ N-0,5	DIN 55529
Sealing initiation temperature IS/IS		°C	88			≤ N+3	DIN 55529
Haze		%	2,6	2,6	2,8	≤ N +1	ASTM D- 1003
Gloss 45°			80			≥ N-5	ASTM D - 2457
Dynamic Coefficient of Friction TS/OS			0,30			≤ N+0,05	ISO 8295
Width		mm	100-2100 <sup>1</sup>			N-0+2	---
MD = Longitudinal direction TD = Transversal direction			TS = Treated side OS = Untreated side		IS = internal side ES = external side		

<sup>1</sup> For other option please request information

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#### 4. GENERAL REEL CHARACTERISTICS

WIDTH:	From 100 to 2.100 mm <sup>1</sup>
MAXIMUM OUTER DIAMETER:	775 mm <sup>1</sup>
INTERNAL DIAMETER OF core:	76-152 mm
TREATMENT:	EXTERNAL

<sup>1</sup> For other option, please request information

#### 5. STORAGE CONDITIONS

For optimum performance of the film storage is recommended in a protected area of high humidity and a temperature below 30 °C. Material should be conditioned at room temperature at least for 24h before use. It is recommended to keep the reels in their original packaging until time of use. In case of partial use of a coil or pallet, keep the remaining material without leaning on a hard surface.

#### 6. CONTACT WITH FOOD

The film complies with the EU and FDA regulations for use in contact with food. Refer to specific information.

#### 7. SECURITY CONDITIONS FOR FILM HANDLING

Safety data sheet available upon customer request.

#### 8. USE WARRANTY

This film maintains its optimal properties for use up to six months after production.

#### 9. NOTES

This information should be considered only for guidance and is based on tests conducted in our laboratory. It should not be considered as collateral for a customer's specific application.