

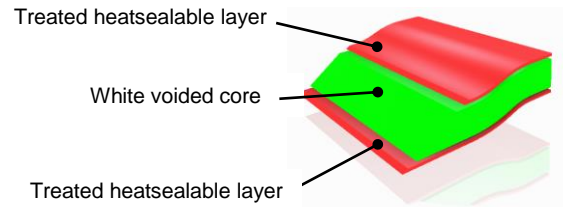
Reference film:

**CATA\_BPE**

Thickness (µm):

**35-38**
**1. PRODUCT FEATURES**

- White voided BOPP film treated on both sides.
- Excellent performance (density 0,72 g/cm<sup>3</sup>).
- High opacity generated by a closed cell nucleus and pearlescent appearance.
- Resistant welding in a wide range of temperatures.
- Good performance and mechanical properties.
- Good adhesion to cold seal.
- Good barrier to moisture and UV light, suitable for packaging light sensitive products.


**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 CATA_BPE		TOLERANCE	TEST METHOD
Thickness		microns	35	38	±5%	DIN 53 370
Unit weight		g/m <sup>2</sup>	25,2	27,4	±7%	ASTM D-2673
Yield		m <sup>2</sup> /kg	40,0	36,5	±7%	ASTM D-2673
Tensile strength at break	MD	N/mm <sup>2</sup>	80		≥ N-30	DIN 53 455
	TD		140			
Elongation at break	MD	%	130		≤ N+20	DIN 53 455
	TD		50			
Shrinkage	MD	%	5		≤ N+1,5	OPMA TC 4 (a)
	TD		2			
Surface treatment level ES		dynes/cm	38		≥38	ASTM D-2578
Heat seal strength		N/15 mm	2,2		≥ N-0,5	OPMA TC 4 (b)
Sealing Initiation Temperature		°C	115		≤ N+3	OPMA TC 4 (b)
Dynamic Coefficient of Friction			0,40		≤ N+0,05	DIN 53 375
Width		mm	100-2100 <sup>1</sup>		N+2	---

MD = Longitudinal direction

ES = external side

TD = Transversal direction

IS = internal 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:	BOTH SIDES
LENGTH:	Based on external diameter

<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 is 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 it is based on tests conducted in our laboratory. It should not be considered as collateral for a customer's specific application.