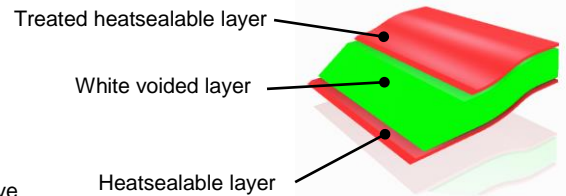


Reference film:

Thickness (µm):

**CATE\_BPE**
**30-35-38**
**1. PRODUCT FEATURES**

- White voided BOPP film treated on external layer.
- Excellent performance (density 0,72 g/cm<sup>3</sup>).
- High opacity due to a close cellular nucleus and pearlescent appearance.
- Strong seal in a wide range of temperatures.
- Good performance and mechanical properties.
- Suitable for cold seal.
- Good barrier to moisture and UV light, suitable for packaging light sensitive products.
- 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_BPE			TOLERANCE	TEST METHOD
Thickness		microns	30	35	38	±5 %	DIN 53 370
Unit weight		g/m <sup>2</sup>	21,6	25,2	27,4	±7%	ASTM D-2673
Yield		m <sup>2</sup> /kg	46,3	39,7	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	TS	dynes/cm	38			≥38	ASTM D-2578
	OS		<35			≤ 35	
Heatsealing resistance		N/15 mm	2,2			≥N-0,5	OPMA TC 4 (b)
Sealing Initiation Temperature IS/IS		°C	106			≤ N+3	OPMA TC 4 (b)
Dynamic Coefficient of Friction TS/OS			0,40			≤ N+0,05	DIN 53 375
Width		mm	100-2100 <sup>1</sup>			N+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

Reference film:

Thickness (µm):

**CATE\_BPE****30-35-38**

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