

Film reference:

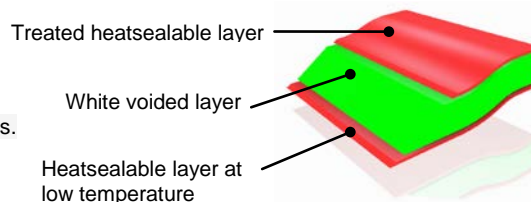
Thickness (µm):

CATE_BPL

25-30-35-40

1. PRODUCT FEATURES

- White pearlescent BOPP film.
- Excellent yield (density 0,72 g/cm³).
- High opacity due to a closed cellular nucleus and pearlescent appearance.
- Heatsealable at low temperature on the non-treated side, which enables minimizing the transfer of heat to the product during the packaging process.
- Good cold seal performance.
- Good barrier against moisture and UV light, suitable for packaging of 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 CATE_BPL				TOLERANCE	TEST METHOD
Thickness		Microns	25	30	35	40	±5%	DIN 53 370
Unit weight		g/m ²	18,0	21,6	25,2	28,8	±7%	ASTM D-2673
Yield		m ² /kg	55,6	46,3	39,7	34,7	±7%	ASTM D-2673
Tensile strength at break	MD	N/mm ²	80				≥ N-30	DIN 53 455
	TD		150					
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	
Heat seal strength		N/15 mm	2,2				≥ N-0,5	OPMA TC 4 (b)
Seal Initiation Temperature		°C	87				≤ N+3	OPMA TC 4 (b)
Dynamic Coefficient of Friction TS/OS			0,30				≤ N+0,05	DIN 53 375
Width		mm	100-2100 ¹				N+2	---

MD = Longitudinal direction
TD = Transversal direction

TS = Treated side
OS = Untreated side

¹ For other option please request information

**Film reference:****CATE_BPL****Thickness (µm):****25-30-35-40****4. GENERAL REEL CHARACTERISTICS**

WIDTH:	From 100 to 2.100 mm ¹
MAXIMUM OUTER DIAMETER:	775 mm ¹
INTERNAL DIAMETER OF core:	76-152 mm
TREATMENT:	External
LENGTH:	Based on external diameter

¹ For other option, please request information**5. STORAGE CONDITIONS**

For optimum performance of the film is recommended storage 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

MSDS available upon customer request.

8. USE WARRANTY

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

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.