

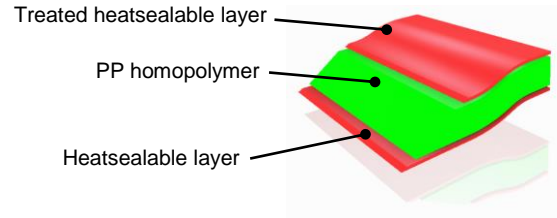
Film reference:

**CATE\_P27**

Thickness (µm):

**25**
**1. PRODUCT FEATURES**

- Excellent optical properties, gloss and transparency.
- Excellent dimensional stability.
- Welding resistant to a wide range of temperatures.
- Great versatility in package industry and packaging.
- Good barrier properties to moisture and odours.
- Improved profitability that the properties covered.
- Low environmental impact.
- Improved formulation to obtain low COF.


**2. MIGRATION CHARACTERISTICS**

- Complies with the specifications in force.

**3. USE**

- Food industry. The film complies with the UE and FDA regulations for use in contact with food.
- Suitable for flexographic printing, rotogravure.

PROPERTIES		UNIT	VALUE APPLIED CATE_P27	TOLERANCE	TEST METHOD
Thickness		microns	25	-7 + 2%	ISO 4591
Unit weight		g/m <sup>2</sup>	22.8	±7%	ISO 4591
Yield		m <sup>2</sup> /kg	44.0	±7%	ISO 4591
Tensile strength at break	MD	N/mm <sup>2</sup>	130	≥N-30	ISO 527
	TD		240		
Elongation at break	MD	%	200	≤N+40	ISO 527
	TD		60	≤N+20	
Shrinkage	MD	%	5	≤N+1.5	ISO 11501
	TD		2		
Surface treatment level	TS	dynes/cm	38	≥ 38	ISO 8296
	US		35	≤35	
Heat seal strength		N/15 mm	3.0	≥N-0.5	DIN 55529
Initial temperature sealing IS/IS		°C	106	≤N+3	DIN 55529
Haze		%	2.5	≤N+1	ASTM D- 1003
Gloss 45°			80	≥75	ASTM D - 2457
Dynamic friction coefficient	TS/US		0.20	≤N+0.05	ISO 8295
	US/US		0.20	≤N+0.05	
Width		mm	100-2100 <sup>1</sup>	N-0+2	---
MD = Longitudinal direction		TS = Treated side	ES = External side		
TD = Transversal direction		US = Untreated side	IS = Internal side		

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

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**25****4. GENERAL REEL CHARACTERISTICS**

WIDTH:	From 100 to 2100 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 its 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.