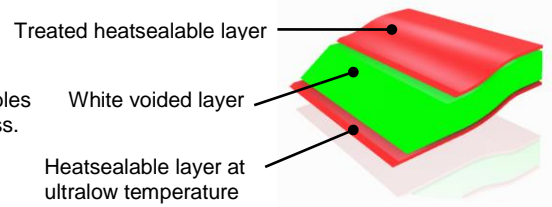


**Film reference:**
**CATE\_S28**
**Thickness (µm):**
**35**

### 1. PRODUCT FEATURES

- White pearlescent BOPP film.
- Excellent yield (density 0,72 g/cm<sup>3</sup>).
- High opacity due to a closed cellular nucleus and pearlescent appearance.
- Heatsealable at very 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. Migrations under evaluation.

### 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. Migrations under evaluation.

| PROPERTIES   |    | UNIT                | VALUE APPLIED CATE_S28 | TOLERANCE | TEST METHOD   |
|--|----|---------------------|------------------------|-----------|---------------|
| Thickness  |    | microns             | 35                     | ±5%       | DIN 53 370    |
| Unit weight  |    | g/m <sup>2</sup>    | 25.2                   | ±7%       | ASTM D-2673   |
| Yield  |    | m <sup>2</sup> /kg  | 39.7                   | ±7%       | ASTM D-2673   |
| Tensile strength at break                                | MD | N/mm <sup>2</sup>   | 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   |
|  | US |                     | 35                     | ≤ 35      |               |
| Heatsealing resistance                                   |    | N/15 mm             | 2.5                    | ≥ N-0.5   | OPMA TC 4 (b) |
| Sealing initiation temperature IS/IS                     |    | °C                  | 80                     | ≤ N+3     | OPMA TC 4 (b) |
| Dynamic Coefficient of Friction TS/US                    |    |                     | 0.30                   | ≤ N+0.05  | DIN 53 375    |
| Width  |    | mm                  | 100-2100 <sup>1</sup>  | N+2       | ---           |
| MD = Longitudinal direction                              |    | TS = Treated side   | IS = internal side     |           |               |
| TD = Transversal direction                               |    | US = Untreated side | ES = external side     |           |               |
| <sup>1</sup> For other option please request information |    |                     |                        |           |               |

**Film reference:****Thickness (µm):****CATE\_S28****35****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 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**

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.