

# White Cavitated BOPP Film

## OPP PerlaFilm

# PDE- TT



*One side matte, both sides corona treated*

### Description

Film with controlled cavitation and white pigmentation. It contains a combined migratory/non migratory slip and antistatic package for an excellent machinability. The internal side has a matte finish. This film is corona treated in both sides.

### Main Characteristics

- White film with controlled cavitation.
- Matte finish on one side and glossy on the other.
- Designed for lamination processes and/or label applications.
- Excellent flatness and dimension stability.

### Applications

This product is designed to be employed in label market. Its paper-look appearance on the matte side allows substitution in a variety of applications where moisture resistance, high durability and/or ease of recyclability are required. The film density has been optimized to improve handling resistance. In order to have more applications of this film, it meets FDA regulations for direct food contact.

#### \* Important Considerations

- It is recommended to store this material at conditions not exceeding 30°C, under shade and with a relative humidity of 60%. To protect against humidity and avoid film blocking, rolls should stay covered with the plastic overwrap when not in use.

- The information in this data sheet is based on tests carried out in our laboratories and it is intended to be used for reference only, and does not constitute a specification; therefore, should not be construed as a guarantee of performance. It is the responsibility of the user to carry out the necessary tests to guarantee its use for the intended applications.

- This product complies with FDA and EU regulations. For more detailed information about our technical and regulatory documents, please visit our website: <https://www.obengroup.com/en/documents>

## Standard Dimensions \*

| Film Code | Thickness (mils) | Yield (in <sup>2</sup> /lb) | Width (in) | Core Size | 22 1/2" $\Phi$ Outside Diam. |                | 30" $\Phi$ Outside Diam. |                | Treatment |
|-----------|------------------|-----------------------------|------------|-----------|------------------------------|----------------|--------------------------|----------------|-----------|
|           |                  |                             |            |           | Length (ft)                  | Weight (lb/in) | Length (ft)              | Weight (lb/in) |           |
| PDE 60 TT | 2.36             | 16,800                      | 15 to 80   | 3" & 6"   | 9,900                        | 7.05           | 19,700                   | 14.05          | Both      |

\*This product has lot size and width restrictions. Please consult your sales representative.

## Typical Values of Physical Properties \*\*

| Property                          | Unit | Testing Method | Thickness in Mils |    |  |
|-----------------------------------|------|----------------|-------------------|----|--|
|                                   |      |                | 2.36              |    |  |
| Light Transmission                | -    | ASTM D1003     | 15                |    |  |
| Gloss 45°                         | TI   | ASTM D2457     | 10                |    |  |
|                                   | TE   |                | 80                |    |  |
| Coefficient of Friction - Kinetic | -    | ASTM D1894     | 0.4               |    |  |
| Tensile Strength                  | DM   | ASTM D882      | 11,700            |    |  |
|                                   | DT   |                | 26,200            |    |  |
| Elongation at Break               | DM   |                | 160               |    |  |
|                                   | DT   |                | 40                |    |  |
| Secant Modulus 2%                 | DM   |                | 246,600           |    |  |
|                                   | DT   |                | 435,200           |    |  |
| Surface Tension                   | -    |                | ASTM D2578        | 40 |  |

\*\*Information and data presented in this data sheet is intended to be used as general guidelines. Physical properties specifications are available upon request.

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