

BOPA Film

OPA PlainFilm

| AT- TT

CAPRAN®



Two sides corona treated

Description

Bi-oriented transparent film, providing printing and adhesion properties. The polyamide base resin offers excellent oxygen barrier properties, ensuring the protection and integrity of packaged products. It features corona treatment on both sides for use in multiple laminations.

Main Characteristics

- Good barrier to oxygen and aromas.
- Excellent mechanical properties at high and low temperatures.
- Excellent toughness and puncture resistance.
- High resistance to "Flex crack".
- Excellent brightness and transparency.
- High performance due to its low specific gravity.

Applications

Treated on both sides, is used as an interlayer in multiple laminations. Recommended in packages that require mechanical protection and/or chemical packaging products with migratory components such as tomato sauce, ketchup, mustard and as a barrier to oils and fats. It meets FDA and EU regulations for 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 *

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

| Film Code | Thickness (mils) | Yield (in ² /lb) | Width (in) | Core Size | 30" Φ Outside Diam. | | Treatment |
|-----------|------------------|-----------------------------|------------|-----------|--------------------------|----------------|-----------|
| | | | | | Length (ft) | Weight (lb/in) | |
| AT 10 TT | 0.39 | 59,600 | 14 to 85 | 6" | 125,400 | 25.19 | Both |
| AT 12 TT | 0.47 | 49,700 | | | 104,400 | | |
| AT 15 TT | 0.59 | 39,800 | | | 83,700 | | |
| AT 20 TT | 0.79 | 29,800 | | | 62,700 | | |
| AT 25 TT | 0.98 | 23,900 | | | 50,200 | | |

Typical Values of Physical Properties **

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

| Property | Unit | Testing Method | Thickness in Mils | | | | |
|--|-------|----------------|-------------------|------|------|------|------|
| | | | 0.39 | 0.47 | 0.59 | 0.79 | 0.98 |
| Haze | - | ASTM D1003 | 2.5 | | 3.5 | 4.0 | |
| Gloss 45° | - | ASTM D2457 | 100 | | | | |
| Coefficient of Friction - Kinetic | TE/TE | ASTM D1894 | 0.35 | | | | |
| | TI/TI | | 0.40 | | | | |
| Tensile Strength | DM | ASTM D882 | 34,900 | | | | |
| | DT | | 45,000 | | | | |
| Elongation at Break | DM | | 110 | | | | |
| | DT | | 80 | | | | |
| Secant Modulus 2% | DM | | 503,300 | | | | |
| | DT | 423,600 | | | | | |
| Surface Tension | TE | ASTM D2578 | 58 | | | | |
| | TI | | 54 | | | | |
| Oxygen Transmission Rate (73.4 °F, 0 % R.H.) | - | ASTM D3985 | 4.8 | 4.0 | 3.5 | 2.5 | 1.8 |

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