

BOPA Film PIR Grade*

OPA PlainFilm

| ATqi- TT

CAPRAN®



Modified polyamide
Corona-treated

Modified polyamide

Modified polyamide
Corona-treated

Two side corona-treated

*Raw material obtained through the utilization of post-industrial recycled materials, certified with ECV (Environmental Claim Validation) by SCS Global Services.

Description

Bi-oriented transparent film, providing printing and adhesion properties. The base raw material, 100% of polyamide, comes from post-industrial content of chemical recycling, offers excellent oxygen barrier properties, ensuring the protection and integrity of packaged products. The corona-treated is located on both side of the reel.

Main Characteristics

- Ecological and sustainable film focused on the circular economy.
- Reduced environmental footprint.
- Maintains the same performance and efficiency as conventional film.
- High barrier to oxygen and aromas.
- Excellent mechanical properties at high and low temperatures.
- High resistance to flex cracking.
- Excellent transparency and gloss.

Applications

Treated on both sides, is used as an intermediate layer in multiple laminations. Recommended for packaging needing mechanical and/or chemical protection, used for products with migratory components like tomato sauces, ketchup, and mustard, also serving as a barrier to oils and fats. It complies with FDA and UE regulations for food contact.

* Important Considerations

*It is recommended to store this material at conditions not exceeding 30°C, in a place without exposure to sunlight and with a relative humidity of 60%. To protect against humidity and avoid film blocking, rolls should stay covered with plastic overwrap when not in use.

*The information in this data sheet is based on tests carried out in our laboratories and 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 information, 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) | |
| ATqi 10 TT | 0.39 | 59,600 | 14 to 80 | 6" | 125,400 | 25.19 | Both |
| ATqi 12 TT | 0.47 | 49,700 | | | 104,400 | | |
| ATqi 15 TT | 0.59 | 39,800 | | | 83,700 | | |
| ATqi 20 TT | 0.79 | 29,800 | | | 62,700 | | |
| ATqi 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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