

## BOPA Film PCR Grade\*

### OPA Plain Film



**CAPRAN®**



*One side corona-treated*

\* Polyamide film certified by mass balance according to SCS Recycled Content Standard V8.0 by SCS Global Services. [Certificate link](#)

### Description

Bioriented clear film, one side corona treated, providing printing and adhesion properties. The base raw material, 100% of polyamide, comes from post-consumer content of chemical recycling, suitable for food contact. This raw material grants excellent oxygen barrier properties, ensuring the protection and integrity of package products. The corona-treated side is located on the outside face 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 "flexcrack".
- Excellent transparency and brightness.

### Applications

This film is designed as the reverse printed outer web in laminations. It can be used in vacuum or modified atmosphere packaging that requires good oxygen barrier, for processed meats, sausage, seafood, frozen products, dairy products and pastas. It is also used in packages that require excellent protection to mechanical stress, puncture and flexcrack resistance. Additionally It is recommended for packages with demanding chemical and oil protection such as those used in pet food and liquid cleaners. This film laminates are frequently found in stand-up pouches and large bag formats. Complies with FDA and EU 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 <sup>2</sup> /lb) | Width (in) | Core Size | 30" $\Phi$ Outside Diam. |                | Treatment |
|-----------|------------------|-----------------------------|------------|-----------|--------------------------|----------------|-----------|
|           |                  |                             |            |           | Length (ft)              | Weight (lb/in) |           |
| ATq 10    | 0.39             | 59,600                      | 15 to 80   | 6"        | 125,400                  | 25.19          | Outside   |
| ATq 12    | 0.47             | 49,700                      |            |           | 104,400                  |                |           |
| ATq 15    | 0.59             | 39,800                      |            |           | 83,700                   |                |           |
| ATq 20    | 0.79             | 29,800                      |            |           | 62,700                   |                |           |
| ATq 25    | 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            | N/N  | ASTM D1894     | 0.40              |      |      |      |      |
|  | T/T  |                | 0.45              |      |      |      |      |
| 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                              | T    | ASTM D2578     | 58                |      |      |      |      |
| Oxygen Transmission Rate (73.4 °F, 0 % R.H.) | -    | ASTM D3985     | 5                 | 4    | 3    | 2    |      |

# CAPRAN<sup>®</sup>

## OPA Plain Film

# ATq