

BIORIENTED POLYPROPYLENE (BOPP)

The main feature of Bopp films are improved stiffness, high tensile strength, excellent optics and good water barrier properties. They range from 12 to 50 microns and are most commonly 15 to 40 microns. These bopp packaging films have coextuded structures, and can be transparent, opaque, or metallized. They also have the advantage of being non-toxic and fully recyclable. They provide excellent UV light protection, humidity, aroma and light barriers. Bopp films have superior strength at low gauges, flatness, clarity and excellent printability. They can be treated with acrylic and PVDC coatings for better sealability and barrier properties. The Bopp films use mainly homopolymer PP, copolymer or terpolymer PP.

Applications: BOPP Films and Packaging

- Bopp films are good for printing and laminations for use on vertical and horizontal machines.
- Bopp films also be used for decorative purposes.
- They are used in may type of flexible packaging applications, pressure sensitive tapes, labels, stationery, metallizing, consumer products.
- Bopp packaging films are widely used for gift and flower wrapping, paper lamination, textile packaging, release film for melamine plates and plate film packaging.
- These films are also used as the anti-counterfeit covering film on the packaging cases.
- Various packaging products like packaging pouches, packaging bags, electronic packaging, industrial packaging are produced by Bopp films.

BOPP (Biaxially Oriented Polypropylene) has become a high-growth film material due to its extreme versatility.

BOPP films are extremely versatile and used in a wide range of applications:

- Plain films
- Heat sealable films
- Multi-layer films
- Metallized films
- Pearlized films
- White opaque films
- Label films
- High barrier films

TRANSPARENT

- General Purpose
- Hot Slip
- Low Temperature Sealing
- High Coefficient of Friction (COF)

WHITE

- Solid White
- Perolized white
- Perolized white with low temperature sealing

METALLIZED

- Regular and High Barrier
- Low Temperature Sealing
- Perolized white metallized

LABELS

- Transparent high gloss
- Perolized white
- Perolized white Metallized

IN MOLD

- Perolized White (glossy and matte)
- Solid White (glossy and matte)

Example products

