BIORIENTED NYLON (BOPA)

Nylon film is a transparent film with extremely high mechanical resistance. It may absorb a certain amount of water. The higher the moisture conten ,the more flexible it becomes. At low moisture levels flexibility is reduced. Their outstanding barrier characteristic helps maintain the quality of the contents. Nylon films offer excellent thermal and chemical resistance, with high tensile strength, flexibility and tear resistance. They are also abrasion and puncture resistant and are fully recyclable. These films enable easy monitoring and act as effective microbial barrier. They also offer low oxygen and odor permeability and strong cold temperature properties. These films exhibit a lower elastic module while retaining its tensile strength and heat stability. The clarity of the film optimizes visibility of contained products through the film.

Applications:

Nylon Films and Packaging Natural Nylon films are ideal for use in a variety of food packaging applications. They perform well as a vacuum bagging film for the molding of critical composite parts in the production of aircraft parts. They allow a wide range of applications including drum liners, solvent recovery bags, and environmental disposal bags. They are also used in the sterilization of medical and dental instruments. They are usually found laminated to LLDPE films.

Nylon films are used to produce various products like

- Food Packaging pouches
- Frozen Food
- Vacuum and Modified atmosphere packaging
- Pharma packaging
- Agricultural products packaging
- Liquid packaging
- Packaging bags
- Dairy packaging etc.

BOPA (Biaxially Oriented Polyamide) film has excellent mechanical and barrier properties. It can be used for packaging of greasy and/or aggressive substances.

TRANSPARENT

- General Purpose one or two sides treated
- Retort Applications
- Low COF
- Bubbling Hood
- Straight line Tear
- Cold Forming
- High Shrinkage
- High Barrier

BOPA films can be obtained in different gauges and characteristics:

- One or two sides treated
- Gauges from 10 to 30 microns
- Special grade for retort applications

METALLIZED

- Baloons grade
- For cardboard laminations

Metallized BOPA films combines high oxygen and gas barrier with high mechanical resistance. Metal bond after metallization is very strong.

- Gauges from 10 to 15 microns
- One or two sides treated

Example products