

Bynel® Adhesive Resins

Description

Bynel® adhesive resins are anhydride-modified polypropylene. Bynel® adhesive resins are based on polypropylene homopolymer. Bynel® can be co extruded or extrusion coated onto a variety of structural, barrier or heat-seal materials. DuPont offers the industry's widest range of standard and custom formulations to meet a variety of high-performance adhesion needs.

Applications

Bynel® adhesive resins adhere to a variety of materials. They are most often used to adhere to PP, EVOH, and polyamide. These resins are designed for applications in which EVOH or polyamide is melt coextruded with PP or PP copolymers.

Bynel® adhesive resins can be used in coextrusion processes including blown film, extrusion blow molding, melt and solid phase thermoforming, and cast film or sheet.

Physical properties of Bynel® adhesive resins are typical of polypropylene resins with similar density and melt index values.

The rheology characteristics of each grade are different, so one may be better suited than the others for a particular extrusion process.

Key Features

Bynel® adhesive resins can be used to package a wide variety of products

Bynel® adhesive resins create a strong, interlayer bond between dissimilar materials in multilayer films, tubes and other packaging and industrial structures.

Bynel® adhesive resins have steady artifactitious capability at high speed and high-efficiency production.

Bynel® adhesive resins can satisfy with the freewill design of packing structure.