

Plexar

PX6002

Extrudable Tie Layer Resin

Anhydride-Modified PP

Melt Flow Rate: 2.7

Density: 0.892



General Description

Plexar tie-layers are chemically modified resins used to bond unlike materials, primarily in packaging and industrial applications. Common adherents include polyethylene resins and copolymers, EVA, EMA, polypropylene, polyamide (nylon), ethylene vinyl alcohol copolymers (EVOH), ionomer and other sealants, polyethylene terephthalate (PET) resins and copolymers, styrenic polymers, metal, and paperboard. Product grades primarily used for blown and cast films, sheet and thermoforming, blow molding, extrusion coating and lamination, tubing, pipe, and other specialty applications are available in pellet form. Contact your *Plexar* sales and/or Equistar technical service representative for more information and specific recommendations for your application(s).

Regulatory Status

PX6002 meets the requirements for the United States Food and Drug Administration regulation 21CFR 175.105 for adhesives. For more information, please contact your Equistar product safety representative.

Processing Techniques

A process melt temperature above 410°F (210°C) is recommended to ensure adhesion between adherents. More specific suggestions can be made only when equipment, process parameters and conditions of use are known.

Typical Properties

Property	Nominal Value	Units	ASTM Test Method
Melt Flow Rate, 230°C, 2.16Kg	2.7	g/10 min	D1238
Density, 23°C	0.892	g/cm ³	D1505
Vicat Softening Point	122	°C	D1525

Typical Properties; not to be construed as specifications.

LyondellBasell markets this product through the following entities:

Equistar Chemicals, LP
 Basell Sales & Marketing Company B.V.
 Basell Asia Pacific Limited
 Basell International Trading FZE
 LyondellBasell Australia Pty Ltd

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This product(s) may not be used in:

(i) any U.S. FDA Class I, Health Canada Class I, and/or European Union Class I Medical Devices, without prior notification to Seller for each specific product and application; or

(ii) the manufacture of any of the following, without prior written approval by Seller for each specific product and application: (1) U.S. FDA Class II, Health Canada Class II or Class III, and/or European Union Class II Medical Devices; (2) film, overwrap and/or product packaging that is considered a part or component of one of the aforementioned Medical Devices; (3) packaging in direct contact with a pharmaceutical active ingredient and/or dosage form that is intended for inhalation, injection, intravenous, nasal, ophthalmic (eye), digestive, or topical (skin) administration; (4) tobacco related products and applications; (5) electronic cigarettes and similar devices; and (6) pressure pipe or fittings that are considered a part or component of a nuclear reactor.

(iii) Additionally, the product(s) may not be used in: (1) U.S. FDA Class III, Health Canada Class IV, and/or European Class III Medical Devices; (2) applications involving permanent implantation into the body; (3) life-sustaining medical applications; and (4) lead, asbestos or MTBE related applications.

All references to U.S. FDA, Health Canada, and European Union regulations include another country's equivalent regulatory classification.

Users should review the applicable Material Safety Data Sheet before handling the product.

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