

## LyondellBasell Plexar® PX2220 Extrudable Tie-Layer Resin - Anhydride Modified HDPE

Category : Polymer , Thermoplastic , Polyethylene (PE) , Anhydride-Modified Polyethylene , HDPE

### Material Notes:

**Applications**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, such as EVA or EMA, polypropylene, polyamide (nylon), ethylene vinyl alcohol copolymers (EVOH), ionomer and other sealants, polyethylene terephthalate (PET) resins and copolymers, styrenic polymers, metal, paper and many others. Product grades tailored for blown and cast films, sheet and thermoforming, blow molding, extrusion coating and lamination, tubing, pipe, spray coating and other specialty applications are available in pellet and powder form.

**Regulatory Status**Plexar tie-layers meet the requirements for the Food and Drug Administration regulation 21CFR 175.105 for adhesives. This regulation describes adhesives which may be safely used as components of articles intended for use in packaging, transporting or holding food in accordance with conditions outlined in that regulation. For an adhesive formulation to be used in compliance with Section 175.105, it must be used under conditions that prevent the material from becoming a component of food in more than insignificant, de minimis, amounts.

**Processing**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. This product is from the former Equistar product line.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_LyondellBasell-Plexar-PX2220-Extrudable-Tie-Layer-Resin-Anhydride-Modified-HDPE.php](http://www.lookpolymers.com/polymer_LyondellBasell-Plexar-PX2220-Extrudable-Tie-Layer-Resin-Anhydride-Modified-HDPE.php)

Physical Properties	Metric	English	Comments
Density	0.945 g/cc	0.0341 lb/in <sup>3</sup>	ASTM D1505
Melt Flow	5.5 g/10 min	5.5 g/10 min	ASTM D1238

## Contact Songhan Plastic Technology Co.,Ltd.

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