

Plexar® PX2250

High Density Polyethylene

LyondellBasell Industries

Message:

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).

General Information			
Uses	Adhesives		
	Food Packaging		
	Industrial Applications		
	Packaging		
Agency Ratings	FDA 21 CFR 175.105		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.943	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	6.0	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Tensile Strength - MD (Break)	13.1	MPa	ASTM D882
Tensile Elongation - MD (Break)	500	%	ASTM D882
Flexural Modulus - 1% Secant, MD	758	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	102	°C	ASTM D1525
Oxidation Induction Time	> 10	min	ASTM D3985
Extrusion	Nominal Value	Unit	
Melt Temperature	> 210	°C	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT