Petrothene® NA362176

Low Density Polyethylene

LyondellBasell Industries

Message:

Petrothene NA362 is a series of LDPE/EVA copolymer resins selected by customers for use in bag-in-box, heavy-duty skin packaging and other high strength, easy to seal packaging. NA362 exhibits high impact strength and good low temperature toughness.

General Information			
Additive	Antiblock (1%) Slip (1400 ppm)		
Features	Antiblocking Copolymer Food Contact Acceptable High Impact Resistance High Strength Low Temperature Toughness Slip		
Uses	Film Packaging		
Agency Ratings	FDA 21 CFR 177.1350		
Forms	Pellets		
Processing Method	Film Extrusion		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	0.926	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.50	g/10 min	ASTM D1238
Vinyl Acetate Content	6.6	wt%	
Films	**Nominal Value**	**Unit**	**Test Method**
Film Thickness - Tested	51	µm	
Secant Modulus			ASTM D882
1% Secant, MD : 51 µm, Blown Film	117	MPa	
1% Secant, TD : 51 µm, Blown Film	145	MPa	
Tensile Strength			ASTM D882
MD : Break, 51 µm,Blown Film	26.2	MPa	
TD : Break, 51 µm,Blown Film	24.8	MPa	
Tensile Elongation			ASTM D882
MD : Break, 51 µm,Blown Film	500	%	
TD : Break, 51 µm,Blown Film	600	%	

Dart Drop Impact (51 µm, Blown Film)	310	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD : 51 µm, Blown Film	140	g	
TD : 51 µm, Blown Film	260	g	
Thermal	**Nominal Value**	**Unit**	**Test Method**
Vicat Softening Temperature	87.0	°C	ASTM D1525

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