

Petrothene® NA219000

Low Density Polyethylene

LyondellBasell Industries

Message:

Petrothene NA219000 is a high speed, lightweight-coating resin for use with paper, films and other base stocks. This resin can be extrusion coated at line speeds of 1,200 ft/min. or higher. Products made from materials coated with NA219000 include flexible packaging, milk cartons, industrial papers and foil mounting, single-ply bags, pouch bags, board trays, fiber drums, corrugated boxes and fiberboard containers.

General Information			
Features	Food Contact Acceptable		
Uses	Coating Applications Foil Coatings Packaging Paper Coatings		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Processing Method	Extrusion Coating		
Physical	Nominal Value	Unit	Test Method
Density	0.923	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	10	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	51		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	11.7	MPa	ASTM D638
Tensile Elongation ² (Break)	230	%	ASTM D638
Flexural Modulus	215	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	95.0	°C	ASTM D1525
Extrusion	Nominal Value	Unit	Test Method
Melt Temperature	< 329	°C	
NOTE			
1.	Type IV		
2.	Type IV		

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Recommended distributors for this material

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