

Petrothene® NA217000X01

Low Density Polyethylene

LyondellBasell Industries

Message:

Petrothene NA217000X01 is a high speed, lightweight coating resin selected by customers for use with paper, films and other base stocks. This resin can be extruded at line speeds of 1500 ft/min or higher. Products made from materials coated with NA217000X01 typically include flexible packaging, milk cartons, industrial papers and foil mounting, single-ply bags, pouch bags, cup stock, fiber drums, corrugated boxes and fiberboard containers.

General Information			
Features	Compliance of Food Exposure		
Uses	Packaging		
	Cup		
	Bags		
	Drum		
	Coating application		
	Paper coating		
Agency Ratings	FDA 21 CFR 175.1520		
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)	5.6	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	53		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹	12.4	MPa	ASTM D638
Tensile Elongation ² (Break)	550	%	ASTM D638
Flexural Modulus - 1% Secant	276	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	92.0	°C	ASTM D1525
NOTE			
1.	Type 4		
2.	Type 4		

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Recommended distributors for this material

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