

Technical Data Sheet

Petrothene NA967000

Low Density Polyethylene



Product Description

Petrothene NA967000 is a low density polyethylene resin selected by customers for blow molding applications. NA967000 exhibits good processing characteristics and impact strength.

Regulatory Status

For regulatory compliance information, see *Petrothene* NA967000 [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	North America
Application	Bottles and Vials; Bottles For Consumer Goods; Bottles for Industrial Use; Clear Containers; Opaque Containers
Market	Rigid Packaging
Processing Method	Extrusion Blow Molding

Typical Properties	Nominal Value	English Units	Nominal Value	SI Units	Test Method
Physical					
Melt Flow Rate, (190 °C/2.16 kg)	1.5	g/10 min	1.5	g/10 min	ASTM D1238
Base Resin Density, (23 °C)	0.919	g/cm ³	0.919	g/cm ³	ASTM D1505
Mechanical					
Tensile Strength at Break	1500	psi	10.3	MPa	ASTM D638
Tensile Elongation at Break	600	%	600	%	ASTM D638
Hardness					
Shore Hardness, (Shore D)	51		51		ASTM D2240
Thermal					
Vicat Softening Temperature	194	°F	90	°C	ASTM D1525
Low Temperature Brittleness, F ₅₀	<-105	°F	<-76	°C	ASTM D746
Additive					
Slip	None		None		LYB Method
Antiblock	None		None		LYB Method

Notes

These are typical property values not to be construed as specification limits.

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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Users should review the applicable Safety Data Sheet before handling the product.

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- (i) U.S. FDA Class I or II Medical Devices; Health Canada Class I, II or III Medical Devices; European Union Class I or II Medical Devices;
- (ii) film, overwrap and/or product packaging that is considered a part or component of one of the aforementioned medical devices;
- (iii) packaging in direct contact with a pharmaceutical active ingredient and/or dosage form that is intended for inhalation, injection, intravenous, nasal, ophthalmic (eye), digestive, or topical (skin) administration;
- (iv) tobacco related products and applications, electronic cigarettes and similar devices.
- (v) safety components in automotive applications, for example: air bags, air bag unit housings and covers, seat belt mechanisms, brake systems, pedals and pedal supports, steering systems.

The product(s) may not be used in:

- (i) U.S. FDA Class III Medical Devices; Health Canada Class IV Medical Devices; European Class III Medical Devices;
- (ii) applications involving permanent implantation into the body;
- (iii) life-sustaining medical applications.

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