

Technical Data Sheet

Petrothene GA643000

Linear Low Density Polyethylene

**Product Description**

Petrothene GA643000 is a linear medium density polyethylene selected by customers for compounding and rotational molding. GA643000 is a barefoot resin and does not contain any additives. Addition of appropriate additives for final processing applications is suggested.

Regulatory Status

For regulatory compliance information, see *Petrothene* GA643000 [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	North America
Market	Compounding
Processing Method	Compounding; Rotomolding

Typical Properties	Nominal		Test Method
	Value	Units	
Physical			
Melt Flow Rate, (190 °C/2.16 kg)	3.6	g/10 min	ASTM D1238
Density, (23 °C)	0.9395	g/cm³	ASTM D1505

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:

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- (ii) applications involving permanent implantation into the body;
- (iii) life-sustaining medical applications.

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