

High-performance Polyethylene for Rotational Molding

Increase productivity and lower costs with our innovative resins



For over 50 years, LyondellBasell's polyethylene resins have been the material of choice in the rotational molding market. Our comprehensive suite of superior performance resins includes high-density polyethylene (HDPE) and linear low-density polyethylene (LLDPE) in either pellet (Petrothene) or powder (Microthene) form.

We are able to meet our customer's supply demands since both our La Porte, Texas and Morris, Illinois sites produce these rotomolding resins. These grades are available nationwide through our distributor, Nexeo Plastics.

Product Benefits

- Increase rotomolding productivity and reduce energy costs with faster curing rates
- Improve aesthetics with a smoother internal surface finish and improved color
- Reduce operational costs with full cure at lower process temperatures

Some typical applications



Sports Equipment



Toys



Industrial Packaging



Recreational Vehicles



Industrial Tanks

Resin Properties

Pellet Petrothene	Powder Microthene	MI	Density	Applications
GA625962	MP625962	5.0	0.935	General-purpose LLDPE marine, RVs
GA635962	MP635962	6.7	0.935	High-flow LLDPE, Playground equipment, toys
GA643962	MP643962	3.6	0.940	Small tanks, IBC containers, playground equipment, kayaks, canoes
GA652962	MP652962	2.0	0.942	High stiffness HDPE, large tanks, IBC containers

Note: Typical properties, not to be considered as specifications

You can find out more about us by visiting our website at: lyondellbasell.com

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