

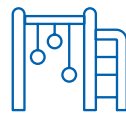
High-performance polyethylene for rotational molding

Increase productivity and lower costs with our innovative resins and compounds



Pellets

Established portfolio with proven solutions



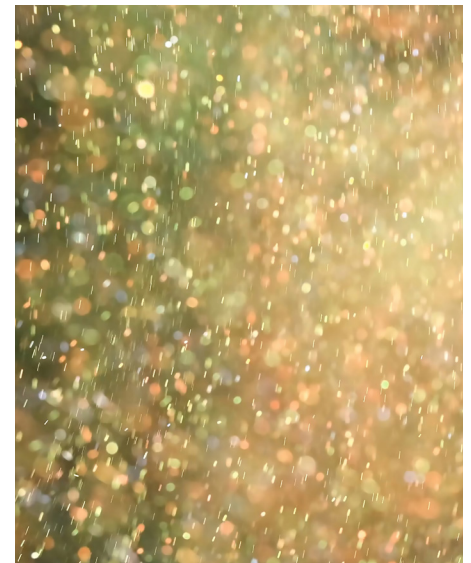
Powders

A wide range of natural to custom colors



Specialties

Optimizing performance and appearance through custom design



For over 50 years, polyethylene resins from LyondellBasell (LYB) 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.

As a leading supplier of rotational molding products, we offer the most comprehensive portfolio of resins, compounds, specialty grades, color, and processing services. Backed by decades of experience, we can meet virtually any of your processing or performance needs. From density, melt flow, and impact resistance to color, Environmental Stress Crack Resistance, grind type and performance, LYB has you covered.



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
- Design for performance through custom colors, compounding, surface treating, flame retardants V0/V2, and cross-linkable HDPE

Some typical applications



Sports Equipment



Toys



Industrial Packaging



Recreational Vehicles



Industrial Tanks



Agriculture Equipment



North America Rotomolding Grades

Grade Name	Polymer	Density	MFI	Special Features	Typical Application
Natural Pellets / Powder					
GA625962 / MP625962	LLDPE	0.935	5.0		General-purpose LLDPE; marine, RVs
GA635962 / MP635962	LLDPE	0.935	6.7		High-flow LLDPE; Playground equipment, toys
GA643962 / MP643962	LLDPE	0.940	3.6		Small tanks, IBC containers, playground equipment, kayaks, canoes
GA652962 / MP652962	HDPE	0.942	2.0		High stiffness HDPE, large tanks, IBC containers
Icocene 1615	LMDPE	0.939	3.5	TUV Approved	Diesel, Biodiesel and DEF Tanks
Icocene 1869	LLDPE	0.927		Adhesive grade, good bond to metal, 3.5 good processability & physical properties	Adhesive tie layer for PE, corrosion protection rotolining of pipes or tanks; rotolining
Icocene 3550	LLDPE	0.935	5.0		Agriculture tanks, septic tanks, pallets, outdoor applications
Icocene 3560	LLDPE	0.935	6.7		Toys, playground equipment, general purpose applications
Icocene 3568	LLDPE	0.935	6.7	Natural powder only	Displays, general purpose applications, outdoor applications, toys
Icocene 3570	LLDPE	0.935	7.0	Very good surface finish	High-end coolers, general purpose applications
Icocene 3940	LLDPE	0.9395	3.6		Agriculture tanks, septic tanks, pallets, outdoor applications
Icocene 3950S	LLDPE	0.939	5.0		General purpose applications
Icocene 4220	HDPE	0.942	2.0		General purpose applications, outdoor applications, safety guards
Icocene C-517B	PE Copolymer	0.937	5.0	Conductive Black	Bins, covers & machining housings
Icocene C-420	PE Copolymer	0.931	5.0	Conductive Black	Bins, covers & machining housings
Polyaxis CP 735-35G	LLDPE	0.935	6.7	Commodity Black	General purpose applications
Polyaxis CP 812	LLDPE	0.932 to 0.939	5.0 to 70	HB UL94	General purpose applications
Polyaxis CP 813-31	LLDPE	0.932 to 0.939	4.5 to 6.5		General purpose applications
Polyaxis LLP 3550	LLDPE	0.937	5.0		Agriculture tanks, septic tanks, pallets, outdoor applications
Polyaxis LL 3568	LLDPE	0.936	6.8		Displays, general purpose applications, outdoor applications, toys
Polyaxis LL 3940	LLDPE	0.936	3.3		Agriculture tanks, septic tanks, pallets, outdoor applications
Polyaxis HD 4220	HDPE	0.942	2.0		General purpose applications, outdoor applications, safety guards
Polyaxis HD 4860	HDPE	0.948	5.0		Outdoor applications, safety guards, tanks
Polyaxis LP 8100	mHDPE	0.947	5.8	Very good cold impact	Kayaks, canoes, boats
Polyaxis RLLP 622	HDPE	1.02	6.5	V-2 Flame Retardant	Bins and industrial parts
Polyaxis RLLP 626	HDPE	1.10	5	V-0 Flame Retardant	Engine housing, machine covers, electrical covers
Schulink XL 350-L	XLPE	0.944		Natural or Black only, HB UL94	Fuel tanks, chemical tanks
Schulink XL 350-S	XLPE	0.944		Natural or Black only, HB UL94	Fuel tanks, chemical tanks
Schulink XL 351	XLPE	0.944		Colors	Fuel tanks, chemical tanks

About us

We are LyondellBasell (LYB) – a leader in the global chemical industry creating solutions for everyday sustainable living. Through advanced technology and focused investments, we are enabling a circular and low carbon economy. Across all we do, we aim to unlock value for our customers, investors and society. As one of the world's largest producers of polymers and a leader in polyolefin technologies, we develop, manufacture and market high-quality and innovative products for applications ranging from sustainable transportation and food safety to clean water and quality healthcare. For more information, please visit www.lyb.com or follow [@LyondellBasell](https://www.linkedin.com/company/lyondellbasell) on LinkedIn.

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