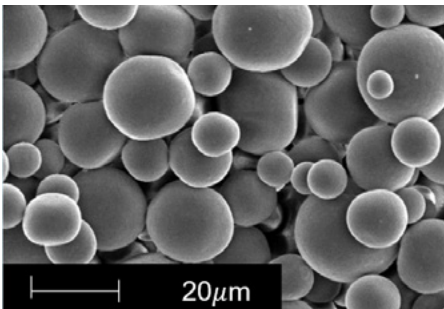


Microthene F

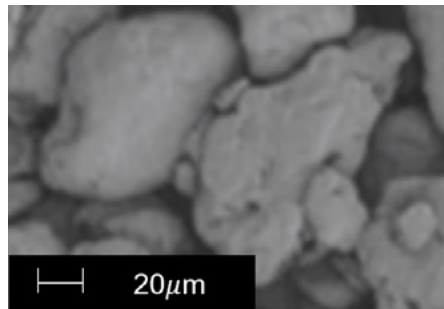
High performance additives for outstanding composite materials



Microthene F powders deliver more than just fine particle size; they deliver results you can see. Engineered through an LYB proprietary chemistry process, these ultra-fine, perfectly spherical particles promote uniform flow and reduce stress during molding. The outcome: parts with exceptional surface gloss, enhanced finish and heightened dimensional control.



Microthene F under the microscope



An alternative powder

Resin properties

Grade	Type	Particle size (µm)	Melt index	Density (g/cm ³)
FN 501	LDPE	20 micron	22	0.915
FN 510	LDPE	20 micron	5.2	0.923
FN 519	LDPE	20 micron (flow enhanced)	5.2	0.923
FE 532	EVA (9% VA)	20 micron	10	0.926
FA 700	HDPE	20 micron	10	0.952
FA 709	HDPE	20 micron (flow enhanced)	10	0.952

Grades are available in low-density polyethylene (LDPE), high-density polyethylene (HDPE) and ethylene vinyl acetate (EVA).

Contact your LYB representative to learn more.

Product benefits

- **Gloss & finish:** Boosts surface quality with smoother, more reflective finishes
- **Low-shrink performance:** Reduces internal stresses for improved moldability
- **Process efficiency:** Often eliminates the need for mold release agents, saving time and resources
- **Visual impact:** Ideal for consumer-facing components requiring a premium appearance

Typical applications

- Composite and molded consumer goods
- Automotive interior and exterior trim
- Appliance housings and decorative plastics
- Packaging and display components



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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