

## Flame Retardant Compounds

Innovative materials where reduced flammability is needed.

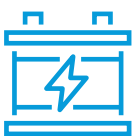


LyondellBasell is advancing what's possible in electrification through its flame retardant (FR) compounds. Offering the same high-performance characteristics as many of our other thermoplastic and thermoset compounds, this added flame resistance is important in many high-heat or sensitive applications.

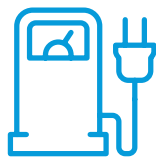
### Portfolio Overview

- Flame retardant compounds across a variety of resin systems and filler types
- An extensive list of Underwriters Laboratory (UL) recognized grades
- HB through 5VA classifications in thermoplastics
- Compounds with elevated Relative Thermal Index (RTI), suitability for outdoor exposure (f1/f2), and electrical testing (HWI, HAI, CTI, HVTR, and dielectric)
- Variety of resin systems with large percentage of recycle content
- Several grades allowing up to 75% regrind usage
- Grades with low smoke density and toxicity
- Non-halogenated grades

### Typical Applications



Battery Cases



Charging Stations



Home Appliances



Electrical & Electronics



HVAC Systems



Meters

# ABOUT US

**LyondellBasell (NYSE: LYB)** is one of the largest plastics, chemicals and refining companies in the world. Driven by its employees around the globe, LyondellBasell produces materials and products that are key to advancing solutions to modern challenges like enhancing food safety through lightweight and flexible packaging, protecting the purity of water supplies through stronger and more versatile pipes, improving the safety, comfort and fuel efficiency of many of the cars and trucks on the road, and ensuring the safe and effective functionality in electronics and appliances. LyondellBasell sells products into more than 100 countries and is the world's largest producer of polymer compounds and the largest licensor of polyolefin technologies. More information about LyondellBasell can be found at [www.LyondellBasell.com](http://www.LyondellBasell.com).

**For more information, visit [lyb.com](http://lyb.com)**

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