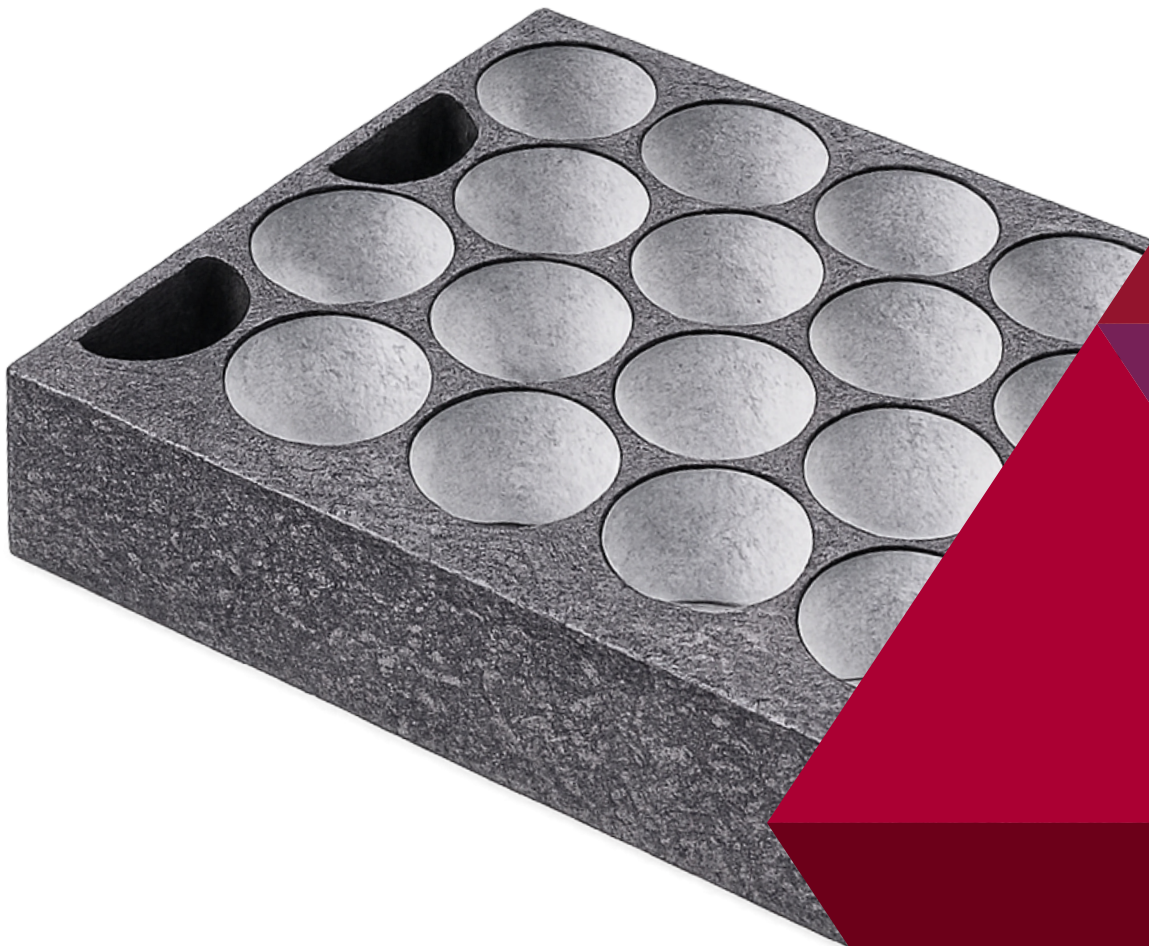


 **PRODUCTS FOR BATTERY**

Flame-Retardant & Thermal-Insulating mPPE Particle Foam



SunForce™ BE

mPPE-Particle Foam with Unique UL94 V-0 Flame

SunForce™ BE is a foam material combining the characteristics of modified polyphenylene ether (m-PPE) resin and foam beads. Certified with UL 94 V-0 (Standard for Safety of Flammability of Plastic Materials for Parts in Devices and Appliances) flammability by the safety certification organisation Underwriters Laboratories, SunForce™ contributes to overall product safety.

Consisting of small-sized beads, SunForce™ BE features high moldability which contributes to assembly time reduction and lower production costs. It also allows the molding of complex structures while maintaining strength and rigidity.

Due to its thin-wall molding ability, SunForce™ BE contributes to compact and space-saving product design.

Applications



Automotive industry

Car Body Parts, Electrical Components, Battery Unit Cases and Structural Parts for Lithium-ion Battery Applications



Public Transportation

Airplane Components, Train Components, Railway Infrastructure, Electrical Parts, Seat Parts



Other Industries

Medical Parts, Electric Tools, Fuel Cells

Key Properties



- » Particle foam with unique flame retardancy (UL 94 V-0)
- » High thermal stability
- » High precision
- » Excellent designability and moldability
- » Improved heat insulation
- » High mechanical strength



Innovation for the Industry

- » First-of-its-kind material certified with UL94 V
- » Assembly time reduction
- » Low production costs
- » Complex and space-saving product design
- » Processable on standard particle foam equipment

