



Advanced Flame-Retardant Solutions
for **Electrical & Electronics**



Functionality that Powers Electrical Performance

Key Functional Masterbatch & Compound Solutions

- Halogenated FR Compounds
- Halogen-Free FR Compounds
- FR Masterbatches
- Color Compounds

Sustainability and Compliance

Our E&E solutions align with environmental standards and market needs:

- ✓ Halogen-free options with low smoke and low toxicity
- ✓ Recyclable compounds
- ✓ RoHS-compliant and customized for safety certifications

Main Applications

Electrical Housings • Sockets and Switches • Lighting Fixtures
• Cable Accessories • Connectors • Small Appliances

Your Success Is Our Mission

Reliable, high-performing materials are key to thriving in the field. That’s why we work closely with you, from lab to field, to tailor solutions that meet your exact needs.

- **Global reach** with local support
- **Custom formulations** for your process and climate
- **Decades** of proven performance
- **Expert guidance** when and where you need it
- **Long-term partnerships** to improve resilience and productivity



Masterbatch & Compound Solutions for Electrical & Electronics

>> This catalog features core solutions designed to address common industry needs. Customized grades are also available to support unique challenges and evolving requirements.

Polyolefins-Based Solutions

Product	Polymer	Type	Color	FR Standard
FR4208PP	Polypropylene	Halogenated compound	Natural	UL 94 1.6mm - V0, GWFI (960°C/1.6mm)
FR0538PPW	Polypropylene	Halogenated compound	White	UL 94 1.6mm - V0, GWFI (960°C/1.6mm)
FR2086HP	Polypropylene	Halogenated compound	Natural	UL 94 1.6mm - V2, Needle Flame Test 1.6mm, GWFI (960°C/1.6mm)
FR6696PPK	Polypropylene	Halogenated compound	Black	UL 94 0.8mm - V2, Needle Flame Test 1.6mm, GWFI (960°C/1.6mm)
FR8911PP	Polypropylene	Halogen-free compound	Natural	UL 94 1.6mm - V0, GWT (960°C/1.5mm)
FR9690PPK	Polypropylene	Halogen-free compound	Black	UL 94 1.6mm - V0, Needle Flame Test 1.6mm, GWT (960°C/1.5mm)
FR8837PSW	Polypropylene	Halogen-free compound	White	UL 94 1.6mm - V2, GWT (750°C/1.5mm)
FR9845PPO	Polypropylene	Halogen-free compound	Orange	GWT (850°C/1.5mm)
FR6413PE	Polypropylene	Halogenated MB	Natural	UL-94 V2 0.8-1.6mm, UL-94 V0 1.6mm, GWT 850°C, LPS 1207
FR8719PP	Polypropylene	Halogen-free MB	Natural	UL 94 -V2 1.6mm

Styrene & PC-Based Solutions

Product	Polymer	Type	Color	FR Standard
FR9393AB	ABS	Halogenated compound	Natural	UL 94 - V0 1.6mm, 3.2mm
FR9542AB	ABS	Halogen-free compound	Natural	UL 94 - V0 1.6mm, 3.2 mm
FR3916AB	ABS	Halogenated MB	Natural	UL 94 - V0 1.6mm (22-24%)
FR8974PS	HIPS	Halogenated compound	Natural	UL 94 V0 1.6mm, 3.2 mm
FR8837PSW	HIPS	Halogen-free compound	White	GWT (IEC 60695-2-11) 850C, UL 94 V2 (3.2 mm)
FR2941PS EU	HIPS	Halogenated MB	Natural	UL 94 - V0 1.6mm
FR7895PS EU	HIPS	Halogenated MB	Natural	UL94 V2, GWFI 960°C
FR0625SA EU	HIPS/ABS/ASA/PC+ABS	Halogenated MB	Natural	UL 94 - V0 1.6mm
FR3642PC EU	PC	Halogen-free MB	Natural	UL 94 - V0 3.0mm (6-8%)

Making it Happen Globally.



Tailor-Made Solutions for Your Success

