



Advanced Additive & Color Solutions
for **Automotive**



Driving Automotive Innovation with Smart Masterbatch & Compound Solutions

Key Solutions

Mineral-Reinforced Compounds with Targeted Additives

Flame Retardant Masterbatches & Compounds

Colors – customized for performance and aesthetics

Antioxidants

UV Stabilizers

Light Diffusers

Sustainability That Performs

Tosaf’s automotive solutions align with the industry’s transition toward greener, more efficient vehicles:

- ✓ Enable lightweighting by replacing metal parts with mineral-reinforced plastics maintaining mechanical strength while reducing overall part weight and improving fuel efficiency
- ✓ Provide durability-enhancing additives that extend component lifetime, reducing replacement frequency
- ✓ Offer halogen-free and low-toxicity flame retardants for safer materials
- ✓ Enhance energy-efficient processing and reduce production waste
- ✓ Support use of recycled and bio-based polymers without compromising performance

Main Applications

Interior and Exterior Parts • EV Battery Cases and Powertrain Components

- Wire Harnesses • Car Optical Elements
- Clips and Fasteners • Underhood Pipes

Quality & Compliance



Masterbatch & Compound Solutions for Automotive

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

Flame Retardants

Product	Composition / Active Ingredients	Benefits	Application
FR5898PPK EU	Brominated FR MB	Designed for automotive wiring conduits, ensuring durability and mechanical integrity under extreme temperatures. Provides long-term thermal stability that maintains reliable performance in harsh under-the-hood conditions.	Under hood pipe
FR1653PE EU	Brominated FR MB	Suitable for crosslinked, non-crosslinked and PE foams, engineered to meet FMVSS 302 flammability standards. Ensures consistent performance, easy processing, and reliable flame resistance for automotive interior applications.	PE Foam
FR7451PE EU	Halogen-free FR MB	Suitable for crosslinked and non-crosslinked PE foams, engineered to meet FMVSS 302, ASTM E84, and NFPA 701 flammability standards. Ensures consistent performance, easy processing, and reliable flame resistance for automotive interior applications.	PE and PP foam, protective film
FR9840PPG EU	PP-based grey FR compound	Tailor-made UL94 V0 compound specially designed for injection molding of car battery cases. Delivers excellent flame retardancy, dimensional stability, and processing efficiency.	Injection molding
FR8775PP EU	Halogen-free FR compound	Halogen-free, PBDO-free extrusion compound with UL94 V0 rating; ideal for demanding EV applications like battery cases. Offers excellent flame retardancy, environmental compliance, and reliable processability.	Injection molding

Additives

Product	Composition / Active Ingredients	Benefits	Application
NU2753PP EU	Nucleating agent	Reduces cooling time and increases crystallization temperature for faster, more efficient molding. Improves part quality by minimizing warpage, sink marks, and other surface defects.	Interior, exterior
AO8513PE EU	Antioxidant MB	Protects recycled polyolefins during processing and restores thermo-oxidative stability in re-pelletizing. This improves the performance of recycled resins, making them comparable to virgin resin.	Exterior
ST1441HP	Anti-static MB	Repels dust to maintain a factory-fresh appearance in automotive interiors over years of use.	Interior
LD5825PC EU	Light diffusion PC base MB for rear optics	Provides targeted light diffusion with balanced light transmission using minimal dosage. Ensures optical performance while optimizing cost and material efficiency.	Rear optic

Colors

Product	Composition / Active Ingredients	Benefits	Application
5/12650PA	Orange color MB for electrical connectors and chargers	Formulated to withstand elevated operating temperatures; ideal for demanding electrical and charging environments. Maintains brightness and visibility even after prolonged heat exposure, mechanical stress, or outdoor use.	EV, under hood
Silver/gold color MB	Color MB for lux car interior parts	Delivers deep, rich colors with exceptional surface quality, enhancing the perceived value of high-end interior components. Developed to match OEM design standards and unique customer pallets.	Interior

Blacks

Product	Composition / Active Ingredients	Benefits	Application
CDELP04	PVC black MB for wire harness	Ensures long-lasting performance in demanding under-the-hood and interior conditions. Provides high jetness and consistent pigmentation for a professional, high-quality finish.	Under hood
CWARD02	Black pigment dispersion for PVC plastisol	Provides rich, high-opacity color with excellent surface coverage; ideal for premium artificial leather seats. Ensures smooth, streak-free application in PVC plastisols, minimizing defects in the final coated material.	Interior

Compounds

Product	Composition / Active Ingredients	Benefits	Application
CT5481PPK	Talc filled black PP compound for clips and fasteners	Engineered for automotive clips and fasteners, offering excellent stiffness, dimensional stability, and moldability. Combines durable black color with reliable mechanical performance for cost-effective, high-quality production.	Interior, Under hood
CT8759PPK	Talc filled black PP compound for car bumpers	High-rigidity compound designed for automotive bumpers and fenders, ensuring impact resistance and dimensional stability. Offers excellent surface finish and processability for both painted and unpainted exterior parts.	Exterior – bumpers, fenders
CT9878PPK	Talc filled black PP compound for interior parts	Scratch-resistant compound with low VOC, fogging, and odor; ideal for automotive interior applications. Ensures long-lasting surface quality while meeting strict cabin air quality standards.	Interior

Grafted Polymers

Product	Composition / Active Ingredients	Benefits	Application
TOPFUSION P-100 EU	MAH grafted HPP	Connects between glass and organic fibers to PP in PP reinforced compounds.	PP compounds
TOPPIM-PA-IM68S EU	MAH grafted ethylene copolymer	Great impact properties at temperatures as low as minus 55 Celsius.	PA compounds

Making it Happen Globally.



Tailor-Made Solutions for Your Success

