

Boosting Performance with Advanced Color Masterbatch Solutions

In a market shaped by constant change and rising expectations, we understand the challenges you face – achieving color precision, regulatory compliance, and design freedom under tight timelines. At Color Service, we turn these challenges into results. With decades of expertise and a customer-first approach, we deliver colors that perform, comply, and inspire confidence from concept to production.



Your Color Masterbatch Experts

- ✓ **Custom Formulations** - Tailor-made colors developed to your exact color shade, performance, and compliance needs.
- ✓ **Consistent Results** - Matched to your resin for first-time-right sampling and reliable quality.
- ✓ **Fast Development** - Your specific color ready within a few working days.
- ✓ **Durability & UV Protection** - Formulations engineered for long-lasting color stability and outdoor performance.
- ✓ **Regulatory Confidence** - Guidance and compliance with global standards – FDA, EU 10/2011, EN 71-3 Toys, China food regulation GB, California Proposition 65, and more.
- ✓ **UL Certified Colors** - Wide range of approved shades, with new ones developed upon request.

Key Industries

Automotive • Packaging • Toys • Electrical & Electronics • Farming
Household • White Goods • Wire and Cable • Pencils

Compatible with Various Polymers

PE	PP	ABS	SAN	ASA	PS	PA	PPA	PC	POM
Tritan	PC/ABS	PC/PA	MABS	PET	PBT	EVA	TPU	TPE	PVC

Sustainability That Performs

Our solutions combine environmental responsibility with long-term performance and value:

- Biodegradable solutions
- Bio-based formulations
- Masterbatches containing over 30% recycled polymer content
- Extended product lifetime for reduced waste
- Fully recyclable materials

Our latest innovative solutions

The Universal Masterbatch®

A patented carrier system developed by Tosaf Color Service, designed for compatibility with a wide range of polymers. It offers over 150 standard colors and enables tailor-made shades – simplifying logistics, reducing inventory, and increasing production flexibility.

Building on this technology, we developed a specialized version for global food-contact compliance – the UN-F carrier system.

UN-F – Global Food-Contact Compliance Simplified

Your Challenge	How We Solve It	The Value for You
Complying with food-contact regulations across global markets is complex and time-consuming. Different standards in the EU, US, and China often require separate product versions and repeated testing.	Tosaf’s UN-F Universal Carrier provides a single masterbatch system pre-approved for all major food-contact regulations. It streamlines compliance, eliminates reformulation, and simplifies global production.	- Global compliance – Certified under EU, US (FDA), and China (GB) standards - Efficiency – No need for repeated testing or multiple versions - Performance – Maintains color quality and processing stability - Speed to market – Faster product launches worldwide

PPAX – High-Temperature Color Performance

Your Challenge	How We Solve It	The Value for You
Electrical and electronic parts, especially in automotive and appliances, must withstand extreme processing and operating temperatures.	PPAX is a high-performance color masterbatch carrier based on PPA, designed for brilliant color at high thermal loads without compromising mechanical properties.	- Efficiency – Ready-to-sample 30 RAL shades reduce stock needs - Performance – Stable up to 340 °C (internally tested) - Quick transition from lab to production

Metallic Colors – Sustainable In-Mold Effects

Your Challenge	How We Solve It	The Value for You
Manufacturers seek metallic finishes without chrome plating or foils, which hinder recycling and raise costs.	Our new metallic masterbatches create premium, streak-free surfaces directly in the mold. This combines Tosaf's decades of compounding expertise with advanced effect pigments for a smooth, consistent appearance.	• Efficiency – Eliminates painting and secondary finishing steps • Performance – Proven durability and lifetime stability • Sustainability – Enables fully recyclable metallic-effect parts • Quality – High surface uniformity, fewer weld lines and defects

Tritan Colors – A New Standard for Transparent Design

Your Challenge	How We Solve It	The Value for You
As polycarbonate loses food and toy approvals, many OEMs are shifting to Tritan, a polyester-based polymer, requiring new compliant color solutions.	Color Service developed Tritan-specific masterbatches delivering vibrant transparent and opaque shades, plus premium effects such as metallic, pearlescent, and sparkling.	• Global food compliance – Certified under EU, US (FDA), and China (GB) standards • Toys conformity – EN 71-3 compliant • Excellent mechanical strength – maintains durability under repeated use • Chemical and heat resistance – stable after multiple dishwasher cycles • Accelerated product launch – Proven expertise ensures fast, reliable color development

Making it Happen Globally.



Tailor-Made Solutions for Your Success

