



Colored Polycarbonate Compounds Built for Injection Molders

Why Ready-to-Use PC Compounds Matter

Injection molding machines provide only limited dispersion, which makes highly concentrated masterbatches unsuitable for polycarbonate. Using ready-to-use compounds is the only reliable way to ensure uniform additive distribution, stable mechanical properties, and repeatable production quality.



Consistent Quality Through Homogeneous Dispersion

Tosaf's colored polycarbonate compounds ensure uniform dispersion of all components, including pigments, UV stabilizers, glass fibers, lubricants, mold-release agents, flame retardants, light diffusers, and any additional functional additives required.

Adjustable MFI Range - The Melt Flow Index (MFI) can be adjusted according to customer requirements, with available ranges typically from 6 to 20 to support optimized flow and processing.

Main Applications

**Electrical enclosures • Electrical switches & outlets • Medical parts
Furniture • Automotive • Lighting • Protective helmets**

From Standard Colors to Customized Solutions

Tosaf offers both standard colored PC compounds and fully customized formulations, enabling precise color control and property optimization for injection applications.

- Over 25 years** of expertise in PC compounding
- Dedicated** development team
- Fully equipped** R&D laboratory
- Color-matching laboratory** for precise shade accuracy
- Dedicated compounding lines** designed for consistent quality

Our Toolbox – Creating Precise, Fit-for-Purpose Solutions

UV Protection



Colors



Flame Retardancy



Glass Fibers



Mold Release



Flow Control



Light Diffusion



Enabling Circular Use of Polycarbonate

Tosaf's PC compounds support multiple reuse cycles through regrind and re-compounding, with minimal impact on mechanical or optical performance. This strengthens circularity and reduces material waste across extrusion and injection applications.

