

SMARTBATCH™ COMBINATION COLORANTS & ADDITIVES

Blow molding optimization
for color and performance





KEEPING IT SIMPLE IS OFTEN THE BETTER

SOLUTION. Our Smartbatch™ Combination Colorants and Additives epitomize simplicity, providing all the color and performance you need in a single formulation.

By combining custom color concentrates with performance additives, Smartbatch formulations blend design and function in one masterbatch solution. These concentrates are customized and optimized for your particular needs, from improving processing to enhancing aesthetics, and even to meeting sustainability goals.



HOW SMARTBATCH™ CAN WORK FOR YOU

Increase Engagement with Improved Aesthetics

Color matters! Our in-house design team will work with you to identify emerging color trends and choose a palette that can engage consumers. Go beyond color with special effects to distinguish product in new ways, using your existing equipment. Ideas include:

- Molded-in metallic
- Granite or frost effect
- Glow-in-the-dark
- Laser marking

Optimize Processing

Time is money—customized solutions can help you reduce cycle times and handle color changeovers more quickly. Use processing additives to maintain dimensional stability, reduce warpage and sink, or improve scrap rate.



Improve Functionality

Our additives solve challenges faced by both you and your customers. Consider these solutions:

- Anti-stat to prevent dust build up
- UV blockers or stabilizers to protect package contents
- Anti-microbials for limiting microbe development
- Scratch and mar technology to preserve surface finishes
- Impact modifiers that increase flexibility and durability

Reduce Risk with Regulatory Support

We know that regulatory compliance requirements are constantly changing. This can be especially true if you manufacture food contact or healthcare products. Our formulations include ingredients that help you meet or exceed these requirements across the globe, and our team of regulatory experts is here to help.

Be Sustainable

Eco-conscious consumers value recycled content, renewable resources and resource efficiency. We'll work with you on solutions that help protect the Earth's resources, such as:

- Increase use of post-consumer recycled (PCR) content with highly loaded colorants
- Use foaming agents to reduce material usage
- Extend product life with additives that protect against harsh environments
- Conserve resources with solutions that enable more efficient production; reduce part weight, energy or material consumption; enable faster cycle times; or provide better insulating properties





Ready to optimize your process using Smartbatch concentrates? We're here to help.

We'll provide step-by-step guidance, and visualization through in-house sampling with various processing techniques:

- Injection stretch blow molding (ISBM)
- Extrusion blow molding (EBM) – up to four layers
- Injection molding

Our polymer science proficiency, colorants and additives capability, and in-house color design service make us a powerful collaborator during the complete blow molding process.

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