

POLYESSENCE

Fragrance-Infused Masterbatch for Sensory Impact

Functional Additives. Sensory Appeal.



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Overview

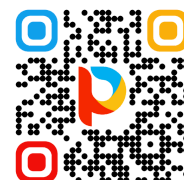
POLYESSENCE is a fragrance masterbatch that embeds lasting scents into plastics like PE, PP, EVA, and PVC, making it suitable for toys, packaging, and household items. It ensures clean, consistent scent release and integrates easily into processing. Customizable in scent and color, it enhances sensory appeal and branding. Its odor control technology neutralizes unpleasant odors at the molecular level, converting them into non-volatile compounds and effectively eliminating 95% of odors from sources like ammonia and cigarette smoke. Recommended usage levels are 1-5% for various applications.

Main Features

- Long-Lasting Fragrance – Delivers consistent, controlled scent release over time; Locks odors in the polymer matrix for lasting control
- Dry, Easy-to-Handle Pellets – Cleaner and simpler than liquid fragrance systems
- Low-Shear Process Compatibility – Preserves delicate fragrance oils during molding
- Neutralizes Up to 95% of Odors – Targets ammonia, sulfur compounds, smoke, pet, and body odors
- Compatible with Multiple Resins – Works with PE, PP, EVA, and PVC
- Customizable – Available in tailored colors, fragrances, and concentrations
- Uniform Distribution – Ensures even scent dispersion throughout the finished product
- Versatile Processing – Suitable for extrusion, injection molding, and blow molding

Common Uses Include

- Infused storage bins
- Drawer liners
- Automotive interior components
- Pet products
- Waste and storage solutions



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Formulation Flexibility

Customizable Properties	Enhancement Options
Softening Point	Concentration Levels
Melt flow rate	Additional Fragrance Concentration
Pellet count	

Consistent Quality. Proven by Performance.

At Protech Group, quality isn't just a feature—it's a promise. Our coatings are engineered to deliver consistent performance across every application, ensuring reliable results and a flawless finish each time. With rigorous quality control and decades of technical expertise, we maintain the highest standards from formulation to final product. Whether you're coating complex parts or high-volume assemblies, you can count on Protech for dependable performance and superior, long-lasting quality.

Custom Formulations

Leveraging decades of experience, The Protech Group partners with you to create tailored coating formulations that meet your unique application, budget, and production needs.

