



# COLOR YOUR WORLD WITH US

Colors produced considering environmental and social impacts



# MASTERBATCHES

Masterbatches for plastics are dispersed in specific resins and extruded into pellets. Resin systems can be colored, modified, alloyed, and filled. Our equipment will handle both commodity resins as well as a wide variety of tough to process resins.



- **Adaptable Processing:** Our equipment handles both common and challenging resins, showcasing adaptability.
- **Cutting edge Formulations:** Continuous innovation ensures our masterbatch formulations meet dynamic industry demands.
- **Precision Modifications:** Customizable resin systems allow for precise coloration, modification, and enhancement.
- **Trusted Performance:** Our masterbatch products have a proven track record of reliability in plastics applications.
- **Efficient Dispersion:** “State-of-the-art equipment ensures the efficient dispersion of masterbatches for high-quality pellets.
- **Sustainability Focus:** We incorporate eco-friendly practices, contributing to sustainable solutions in plastics manufacturing.
- **Customer Centric:** We prioritize understanding customer needs and delivering tailored solutions for enhanced product performance.
- **Quality Assurance:** Rigorous testing guarantees consistency and adherence to industry standards.
- **Innovative Leadership:** Proactive research and development keep us at the forefront of industry advancements.

## SOLID MASTERBATCH BENEFITS

- Easiest of all forms of colorant to handle
- Better dispersion results
- Better color economy
- Better additive consistency
- Extremely fine dispersions (for film, fiber, bottles) can be achieved
- “Single package” combinations of colorants, additives, and modifiers are possible





# WHY LIQUID COLOR?



## Key Advantages

- **Less Handling:** Streamlines operations with minimal manual intervention.
- **Higher Loadings:** Permits increased concentrations for better effectiveness.
- **Lower Usage Rates:** Enhances cost efficiency through reduced material consumption.
- **Shorter Lead Times:** Accelerates production for quicker delivery.
- **Lower Inventory Costs:** Reduces expenses in inventory management.
- **Lower Acquisition Cost:** Decreases initial costs for obtaining the additive.
- **Reduced Inventory Space:** Requires less storage space.
- **Reduced Risk of Obsolescence:** Mitigates the risk of product obsolescence.
- **Lower Blending Equipment Costs:** Reduces expenses for blending equipment.
- **Lower Minimum Order Quantity (MOQ):** Provides flexibility with smaller minimum orders.
- **Rapid Color Changes:** Facilitates quick and efficient color changes.
- **Flexible Formulations:** Adaptable for various additives.
- **Less Heat Histories:** Preserves material integrity by avoiding heat histories.
- **Carrier as a Plasticizer:** Reduces feed times and pressures.
- **Reduced Contamination Risk:** Ensures cleaner processing.
- **No Burnt Pigment, Reduced Black Specks:** Enhances cleanliness.
- **Customer Driven Let Down Ratio (LDR):** Allows customization by the customer.
- **Even Color Distribution:** Maintains uniformity throughout the production run.

## ECO Pure Colorants

Colorants produced considering environmental and social impacts



Our Eco Pure colorants are a step toward a more sustainable future, as they help reduce the environmental impact of the production of consumer goods and protect human health.



Eco Reclaim - Colorants



Eco Pure Liquids



Eco Compos Color



Eco Bio Colors - For PCR



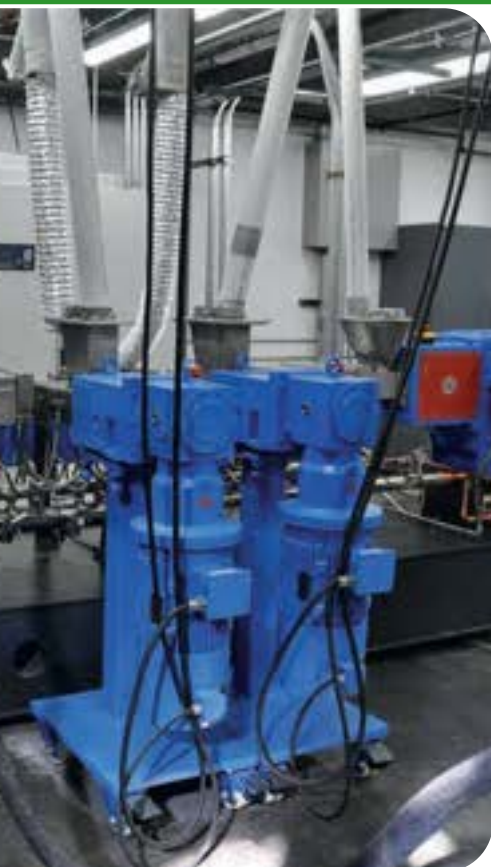
# PLASTIC COMPOUNDING SOLUTIONS



The team at Poly Compounding provides compounding solutions for highly engineered thermoplastics. We have decades of experience compounding on Twin Screw Extruders and Kneaders and will develop processes tailored specifically to your materials.



## Competencies



Foaming Agents

Liquid Injection

Reactive Processes

Specialty Applications

Highly Filled Systems and High Specific Gravity Compounds

Temperature and Shear Sensitive Resin and Additives

Additive/Stabilizer Masterbatches

Reinforced Plastics

Flame Retardants

# PERFORMANCE ENHANCING ADDITIVES

Performance-enhancing additives can be added as dry additives, pellet masterbatch, or liquid masterbatch.



## Enhanced Performance

- Antistatic
- ESD
- Conductive
- NIR
- Mold Release
- Slip
- Laser Weld

## Heightened Effect

- Anti-Fog
- Anti-Block
- Conductive
- Clarifying/  
Nucleating
- Laser
- Glow in the Dark
- Blow/Foaming  
Agents



## Added Safeguard

- Antimicrobial
- Flame Retardant
- Antioxidant
- UV stabilizers
- Odor Eliminator
- VCI
- Laser





**Ready to make a positive impact?  
Contact us for sustainable  
solutions.**



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