Colorants and additives for injection moulded products

A portfolio of technologies engineered to improve the processing, performance and aesthetics of injection moulded plastic products.
ColorMatrix Systems for Injection Moulded Products

ColorMatrix are a global leader in liquid colorant, additive and dosing systems for moulded parts. Our specialist technologies focus on improving productivity and product integrity through:

- Highly accurate, cost effective dosing
- Batch to Batch colour consistency
- Colour uniformity, particularly at low addition rates
- Minimal inventory and storage requirements

Technologies for improved aesthetics and efficiency

ColorMatrix advanced liquid colorants
Opaque, transparent, translucent and special colour effects offering:

- Express colour matching, development and delivery
- Supremely accurate, controllable dosing
- Minimal waste and inventory
- Clean, efficient dosing with quick colour change connections

Large part injection moulding
For injection moulded parts made on high tonnage machinery, ColorMatrix liquid technologies can make a significant impact on production efficiencies. Colour changes can be made with minimal machine downtime with major reductions in cycle times being achieved. Typical applications include transit crates, automotive parts and refuse bins.

Small part injection moulding
For injection moulded parts made on smaller injection presses, ColorMatrix colorant and additive technologies provide cost effective solutions for applications such as:

Caps & closures
Standard colours, specialty effects and additive technologies for improved aesthetics, process efficiency and part to part consistency.

Cosmetics
Advanced colour effects including: Pearlescent, Fluorescent, Edge Glow, Sparkle, Frost, Glitter, and Metallic Effects.

Media packaging
Standard and custom colours, Clarifiers and a wide palette of Crystal Clear, Transparent, Pearlescent, Metallic and other special effects.

Housewares
A colour palette and dosing package which offers supreme colour accuracy. Additives also offer production efficiency improvements and ensure product integrity.
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<th>Technologies for improved productivity</th>
<th>Technologies for enhanced aesthetics and product protection</th>
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<tr>
<td><strong>Eze™ Slip Agents</strong></td>
<td><strong>ClearView Clarifiers</strong></td>
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<td>Reduce friction across moulding processes and support static charge dissipation, allowing for faster production cycles and better part performance.</td>
<td>Allow for a reduction in haze in polypropylene moulding.</td>
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<td><strong>NuAge Nucleating Agents</strong></td>
<td><strong>Optica Optical Toners and Brighteners</strong></td>
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<td>Enable the polymer to crystallise faster, allowing for faster production cycles and energy savings.</td>
<td>Allow for control of yellowing in a variety of polymer applications.</td>
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<td><strong>ColorMatrix Transparent, Opaque and Translucent Colorants</strong></td>
<td><strong>Ultimate UV Stabilisers</strong></td>
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<td>Allow for brand differentiation for improved product recognition.</td>
<td>Improve polymer resistance to light degradation.</td>
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<td><strong>ColorMatrix Anti-Oxidants</strong></td>
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<td>Preserve polymer properties by limiting thermal and environmental degradation.</td>
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Important Notice
The information provided is given in good faith and is based on our knowledge at this time. ColorMatrix makes no warranties or representations, express or implied regarding the use of the above mentioned products. It is the responsibility of the finished article manufacturer to ensure that all relevant requirements are met.

ColorMatrix is a world leading innovator of liquid colorant and additive technologies for the plastics industry. Our advanced systems are designed to improve the processing, performance, aesthetics and sustainability of plastic products. ColorMatrix is part of the PolyOne Corporation.

For full contact details of ColorMatrix global locations please go to colormatrix.com