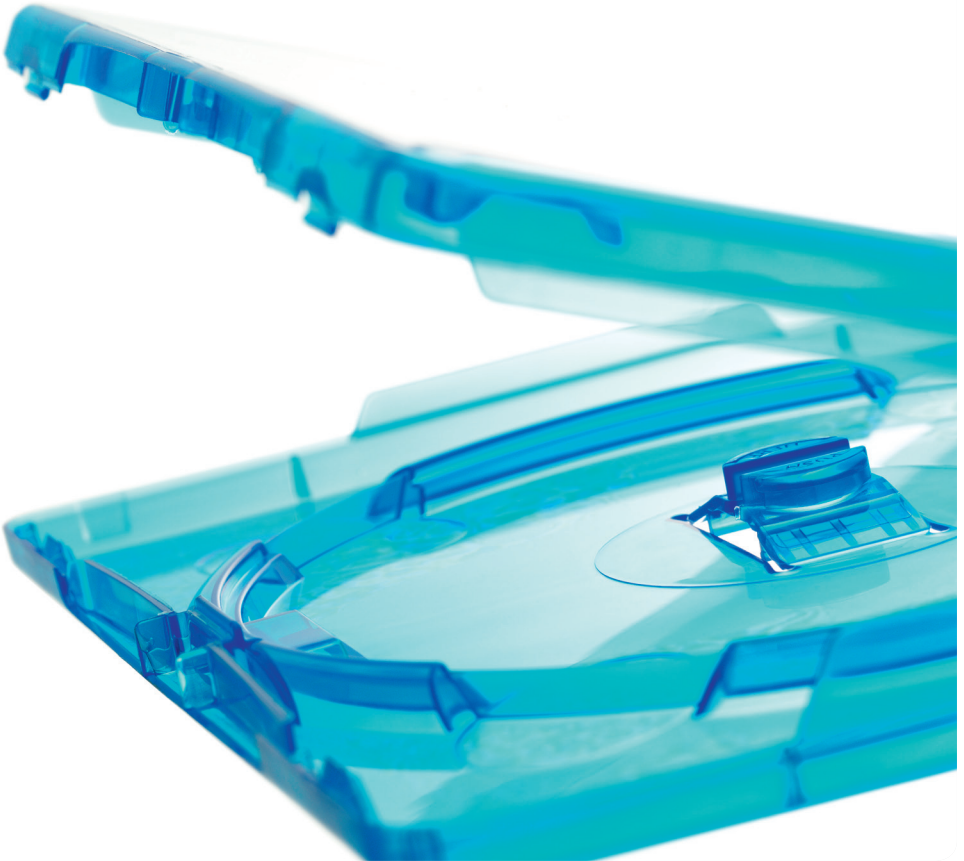


# Colorants and additives for injection moulded products



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.

Technologies for  
improved productivity

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## Eze™ Slip Agents

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Reduce friction across moulding processes and support static charge dissipation, allowing for faster production cycles and better part performance.

## NuAge Nucleating Agents

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Enable the polymer to crystallise faster, allowing for faster production cycles and energy savings.

Technologies for  
enhanced aesthetics and product protection

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## ClearView Clarifiers

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Allow for a reduction in haze in polypropylene moulding.

## Optica Optical Toners and Brighteners

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Allow for control of yellowing in a variety of polymer applications.

## ColorMatrix Transparent, Opaque and Translucent Colorants

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Allow for brand differentiation for improved product recognition.

## Ultimate UV Stabilisers

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Improve polymer resistance to light degradation.

## ColorMatrix Anti-Oxidants

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Preserve polymer properties by limiting thermal and environmental degradation.

**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](https://www.colormatrix.com)**

**Important Notice**

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