



ColorMatrix™ Liquid Dispersion for Extrusion Blow Molding

PolyOne's ColorMatrix™ LCX liquid color products are the latest advancement in technology to deliver stable pigment dispersions for the extrusion blow molding (EBM) process.

These highly concentrated liquid formulations deliver a consistent finish with repeatable and dependable processing. They may also provide significant Let Down Ratio (LDR) reduction versus traditional masterbatch options. ColorMatrix LCX dispersions are designed to minimize and eliminate screw slip, streaking and specking, all while generating cost-to-color savings through processing efficiencies that include:

- **Handling efficiency** – bulk distribution, individual feed stations
- **Inventory reduction** – less inventory and required floor space
- **Process efficiency** – improved color change times

KEY CHARACTERISTICS

- Highly concentrated pigment dispersions specifically for EBM processing
- Provides dimensional stability by utilizing more resin instead of fillers
- Reduces costs through handling and processing efficiencies
- Customization available for design and product handling
- Can be formulated in combination with a wide selection of additive technologies to meet performance needs

MARKETS AND APPLICATIONS

ColorMatrix LCX Liquid Dispersions for EBM processing are well suited for the following:

- Monolayer applications
- LDR less than 3%
- Large volume whites and blacks
- Tints

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