



» PRODUCT BULLETIN

ColorMatrix™ Optica™ Specialty Toners for PC

Polycarbonate is used for the production of automotive interiors and appliances to consumer goods and electronics, replacing more traditional materials such as glass and acrylic. It is increasingly becoming the most popular material of choice due to its versatile characteristics and recyclability. The need for better PC color solutions has never been greater.

ColorMatrix™ Optica™ Specialty Toners for PC is the cutting-edge liquid toner for polycarbonate resins that provides visual clarity for PC and improves aesthetics on the product surface. This solution offers better color consistency and better color dispersion in transparent PC resins, helping to retain transparent properties and preventing contamination by keeping production lines clean.

KEY CHARACTERISTICS

- More accurate dosage on a small-scale leading to better color consistency
- Better color dispersion in transparent PC resin compared to pigments, helping to retain transparent properties
- Prevents contamination by keeping cleanliness in production lines often found with powders
- Lower inventory, easier supply chain management
- Better cost effectiveness with lower dosage
- Prevents undesirable yellowness/greenness in PC chips
- Supports sustainability through improved color and material changeover time
- Liquid solution reduces dosage compared to alternatives



MARKETS AND APPLICATIONS

ColorMatrix Optica is formulated for PC resins used in the production of:

- Automotive interiors
- Appliance housings
- Consumer goods
- Food packaging
- Finished materials such as PC sheet
- Electrical & Electronics

REGULATORY

- No heavy metals or restricted ingredients
- In-house chemical testing and verification system compliant with ISO ISO/IEC 17025:2005
- Dedicated product stewardship team globally and locally



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