Color iMatch

Color Matching and Formulation Software for Plastics

Excellence in Color Formulation

Fewer steps, fewer corrections, better matches. Color iMatch is the industry's smartest formulation engine. Using multi-flux technology, it intelligently processes color data to provide optimal initial color matches and reduce wasteful formulation attempts. Color iMatch has the power to streamline complicated workflows, improve formulation efficiency, and reduce wasted time and materials to return your investment quickly.

Unrivaled Match Performance

- Increase match rate up to 50% and cut correction steps in half with the new match engine and Search and Correct algorithm that more accurately identifies candidate formulas.

- Maximize productivity and formulation efficiency with the updated, fully-integrated Colorant Assortment Editor, which provides specific guidance to better characterize your pigments and resins, and guarantees match prediction confidence.

Optimized Legacy Data

- Leverage new matching technology to gain insights from historical data and accelerate the formulation process.

- Improve database performance by identifying opportunities to enhance the value of your color data using the built-in Color Assortment Editor.

- Easily transition your customer data from legacy systems for use in Color iMatch with support from our dedicated, industry-specific applications team.

Streamlined Workflows

- Quickly switch between jobs and save time by applying dynamic Formulation Rules that include process, pigment and customer specifications.

- Significantly reduce waste, costs, and environmental impact using new Batch Recycle and Waste Work-Off capabilities that allows you to formulate using leftover materials.

- Visually evaluate achievability using the Gamut Viewer, which offers a unique target overlay to help make educated formulation decisions.

- Directionally adjust formulations to reduce process and material variations that occur between laboratory and production.

- Improve operator confidence and reduce training time with a modern, user-friendly interface.

- Simplify customer specification of Pantone standards by enabling PantoneLIVE, which provides spectral values for Pantone standards.
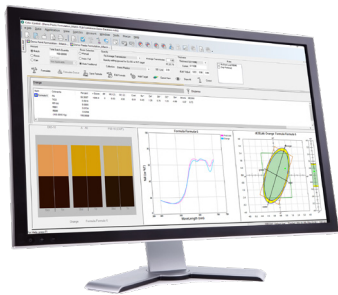
At each step in the process, Color iMatch delivers initial matches with an average delta E that is half that of our competitors.

Training **Set yourself up for success!**
Our Color iMatch Experts offer onsite instruction, hands-on workshops, and remote training options to help you get started with Color iMatch and integrate it into your formulation workflow. To learn more, visit xrite.com/learning-color-education/training, or ask your regional Sales Rep for more info.

Learn More about the Color iMatch Family

Full Suite of Configurations: Color iMatch is available in a variety of configurations to streamline color communications and enable better utilization of existing people, processes and technologies throughout the supply chain. We work with you to select the configuration that works best for your company and formulation environment.

Color iMatch Professional: Ideal for anyone formulating color for plastics applications, this premium configuration includes the full gamut of features: quick, accurate color analysis, the ability to optimize every formula for cost and color accuracy, an integrated quality control module, and the ability to build or edit colorant databases.

Color iMatch Satellite: Designed for companies that formulate in a laboratory to distribute across disparate production facilities, this configuration offers the same formulation and quality control functionality as the Professional version, minus the ability to create and edit colorant databases.

Color iMatch Basic: Created for companies with minimal quality control needs, this configuration offers the same color matching and database functionality as the Professional version but without integrated quality control.

Management access is available through a unique Management configuration. Server-based configurations are also available. Ask your sales rep for more details.

Specifications

Measurement Conditions	Reflectance, Transmission, Reflectance / Transmission, Over Light / Over Dark, SCI / SCE
Color Differences	FMCII, CIE DL*, Da*, Db*, CIE DL*, DC*, DH*, Hunter DL, Da, Db, All Attributes of CIELab, CIELch or HunterLab, CMC (l:c), CIE2000 (l:c:h), and more. Ask your sales rep for your specific needs.
Color Spaces	CIE L*a*b*, CIE L*C*h*, Hunter Lab, CIE (XYZxy)
Illuminants	D50, D55, D65, D75, F2, F7, F11, C, A, Horizon, TL84, Ultralume 3000, CIE LED, and more. Ask your sales rep for your specific needs.
Observers	2 degree,10 degree
Standard Indices	Whiteness [ASTM E313, CIE, GANZ, Berger, Stensby, Taube, Tappi], Yellowness [ASTM E313, D1925], Opacity [Contrast Ratio, Tappi], Strength [SWL, Summed, Weighted Sum], Haze, Munsell Notation, Orange Juice, Gloss [ASTM E429, Gloss60], Grey Scale [ISO 105, Staining, Color Change], Metamerism, Color Constancy Index, APHA, Gardner Color Index, ASTM Color Index, Saybolt Color Index, AATCC TM203 Light Blocking Index, DIN55979 Blackness Index, G7 Substrate Compensation
Configuration Options	Basic, Professional, Management, Satellite, Online Editions
Databases	MS Access, MS SQL Server
Experience Level	Beginner to Advanced
Import/Export Format	CxF, JB5, MIF, QTX
Languages Supported	English, French, German, Spanish, Italian, Portuguese, Japanese, Chinese
Supported Devices	Ci7860, Ci7800, Ci7600, Ci7500, Ci64, Ci62, Ci4200, Ci52, VS3200, 964, 962, CE-7000A, Color i5, Color i7, eXact, eXact XP, SP62, SP64 and most other industry instruments

For more information regarding this product, visit **www.xrite.com/color-imatch**

Service Support and Warranty

X-Rite's color analysis and measurement solutions are engineered and manufactured to the most rigorous quality standards. These standards are backed by comprehensive global service, superior phone and web support, and preventative maintenance options to optimize your long-term investment. We have developed service support and warranty plans that are unique to your organization's specific products and needs. Learn more by reviewing our service offerings on our website at: **www.xrite.com/page/service-warranty**. Still unsure of what you need? Contact us directly at: **servicesupport@xrite.com**