

Custom Color Solutions

Advanced Optical Technologies (AOT) Group

Innovators in the Science and Art of Managing Light

Custom Color Solutions

JDSU color experts let you rediscover inspiration with effect pigments and professional services that add value and differentiate brands, products, and packaging. Our customized SpectraFlair® and ChromaFlair® pigments give you exclusive, ahead-of-the-curve colors and palettes for use with a wide variety of media including paints, coatings, inks, plastics, paper and textiles. Anticipate trends using our color forecasts and work with our experts to create the exact color your customers want—before they know they want it.

SpectraFlair® Pigment

JDSU manufactures unique pigments with a wide range of effects by manipulating the surface structure of multilayer flakes and by using precise vacuum-deposition processes. SpectraFlair pigments are effective both as sole colorants and in combinations with other pigments and dyes. And, mixing and application typically require no special techniques.

SpectraFlair Bright Silver



Bright Silver and Bright Silver HSA pigments offer dramatic, diamond-like effects in paint and include the only vacuum-metalized flake suitable for plastic injection and extrusion molding.

SpectraFlair Silver 1500 and SpectraFlair Plus 25



Silver 1500 and Plus 25 pigments create the appearance of a diffractive rainbow moving over a silver metallic base. Plus 25 offers highly uniform flakes and up to 3X the hiding power of Silver 1500. As a result, product formulation requires less pigment, reducing pigment cost by up to 60 percent.

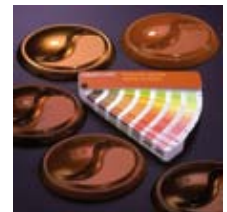
ChromaFlair® Pigment



ChromaFlair pigments give paints, coatings, plastics, textiles, and packaging the ability to change color when viewed from different angles. Pigment flakes display a wide range of hues depending on the viewing angle and the light's angle of incidence—providing dramatic color shifts seen even in low-light environments. Pigments are available in a variety of hue ranges.

Professional Color Design Services

JDSU provides a wide variety of design services for color professionals. We produce an annual trend palette of colors, based on market research, to help guide color choices so new products reflect fresh styling. Our extensive color library includes more than 4,000 swatches in a wide range of hues and chromas, and we can create custom colors to meet your individual needs. Working with our color consultants can significantly reduce the development time of new and exciting visual effects. And, our design studio can apply these colors and effects to physical models and digital wireframes to create compelling prototypes that validate your design and sell your ideas and products.



The JDSU Advanced Optical Technologies business segment leverages its core technology strengths of optics and materials science to manage light and color effects. In industries from broadband communications and brand enhancement to authentication, manufacturing, and energy, you know us because you depend on our technology every day.



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