

Duocrome®

Iridescent Colors

Duocrome® Iridescent Colors

Duocrome® Iridescent Colors are lustrous pigments that produce a distinctive two-color look, creating striking effects in many cosmetics and personal care products. The interplay between background and highlight colors in Duocrome® Iridescent Colors are truly unique and cannot be duplicated by any combination of interference pigments and conventional colorants.

These pigments contain titanium dioxide coated mica particles that are then coated with a thin layer of colored pigment. Light interference from the titanium dioxide layer produces a reflection color seen as a colored highlight, while the colored pigment imparts a background color by light absorption.

When the pigment is used, the colored highlight contrasts with the background color. The Duocrome® Iridescent Colors available provide a range of two-color effects.

Duocrome® Sparkle Colors

Duocrome® Sparkle Colors are intense and lustrous pigments that add a high degree of shimmer and two tone color to a broad range of cosmetics and personal care products. Their large particle size makes them particularly well suited for dynamic, sparkly effects.

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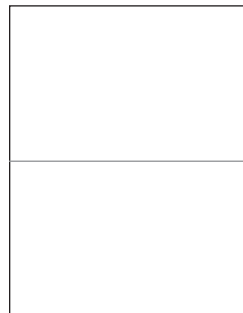
YR (Gold / Red) 422C



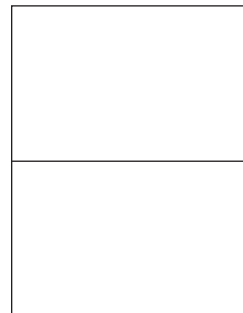
YG (Gold / Green) 822C



RY (Red / Gold) 224C



RO (Red / Orange) 324C



RV (Red / Violet) 524C



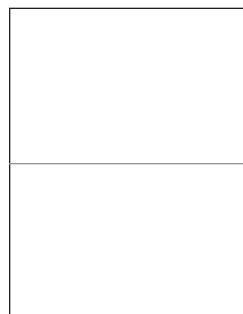
RB (Red / Blue) 624C



BY (Blue / Gold) 226C



BR (Blue / Red) 426C



BV (Blue / Violet) 526C

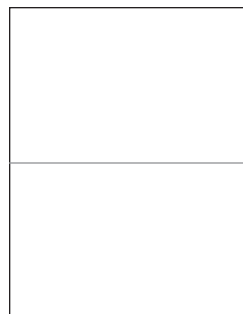
Duocrome® Sparkle Colors



BG (Blue / Green) 826C



GY (Green / Gold) 227C



Sparkle RY (Red / Gold)
224J

Duocrome®

Typical properties and technical data

Duocrome® grade*	Absorption / reflection color	Colorant component	Particle size [µm] range**	Density [kg/L]	Approx. bulk density***	
					lb/ft³	g/100cm³
Duocrome® Iridescent Colors						
YR 422C	gold / red	Iron Oxide	9–44	3.2	14	22.4
YG 822C	gold / green	Iron Oxide	8–45	3.3	16	25.6
RY 224C	red / gold	Carmines	9–45	3.0	13	20.3
RO 324C	red / orange	Carmines	9–45	3.0	12	19.2
RV 524C	red / violet	Carmines	9–45	3.0	14	22.4
RB 624C	red / blue	Carmines	9–45	3.0	14	22.4
BY 226C	blue / gold	Ferric Ferrocyanide	10–44	3.0	15	24.0
BR 426C	blue / red	Ferric Ferrocyanide	9–45	3.0	15	24.0
BV 526C	blue / violet	Ferric Ferrocyanide	9–45	3.1	19	30.3
BG 826C	blue / green	Ferric Ferrocyanide	8–44	3.3	18	28.8
GY 227C	green / gold	Iron Oxide & Ferric Ferrocyanide	9–44	3.1	14	23.2
Duocrome® Sparkle Colors						
Sparkle RY 224J	red / gold	Carmines	21–77	3.1	22	35.7

* Please refer to individual product specification sheets for certifiable product specifications

** The particle size results will vary depending on the light scattering instrument used.
The values listed (as % by weight) are the results using a Malvern Mastersizer

*** Determined by Scott viscometer

Get in touch

Call us about our other products for cosmetic and personal care applications.

BASF Effect Pigment Line

Biju® and Biju® Ultra Pigments

Bi-Lite® Bismuth Oxychloride/Mica Pigments

Cellini® Colors

Chione™ Pigments

Chroma-Lite® Colors

Cloisonné® Metallic Look Pigments

Duochrome® Iridescent Colors

Flamenco® Pearlescent & Iridescent Pigments

Gemtone® Colors

Mearlmica® Specialty Performance Mica

Mearlmica® SVA Treated Performance Mica

MultiReflections™ Soft Sparkle Pigments

Pearl-Glo® Bismuth Oxychloride Pigments

Reflecks™ Pearlescent & Iridescent Pigments and Colors

Reflecks™ Dimensions Pearlescent & Iridescent Pigments and Colors

Reflecks™ MultiDimensions Color Changing Pigments

Timica® Pearlescent & Iridescent Pigments and Colors

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