

Chroma-Lite®

Color pigments for cosmetics

Chroma-Lite® Colors offer an excellent balance of luster, transparency and color. They provide aesthetic effects that include smooth and continuous lusters from soft matte to satiny in a wide range of colors.

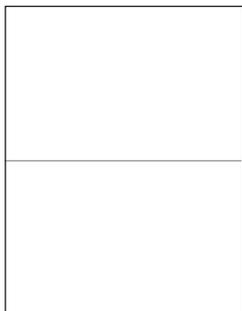
Chroma-Lite® Colors enhance product performance because the colorants are bonded to bismuth oxychloride that is, in turned, coated on mica. The result is a composite pigment that imparts a silky feel to many cosmetic and personal care formulations while improving their skin adhesions. They also have less density and greater mechanical strength than bismuth oxychloride alone.

And, since the colorant is thoroughly dispersed on the surface of the substrate, they minimize the grinding and dispersion problems sometimes associated with traditional absorption color pigments

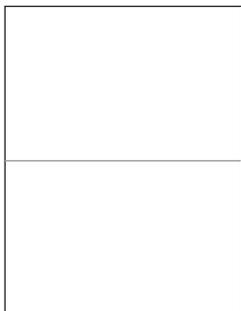
Each of the colors in the Chroma-Lite® family can be used alone, in combination with one another, or mixed with other BASF effect pigments. This gives formulators the opportunity to develop interesting visual effects and textures.

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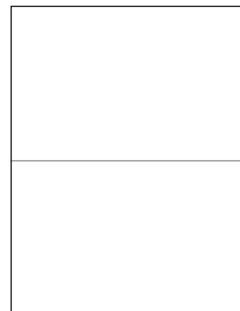
Black CL4498



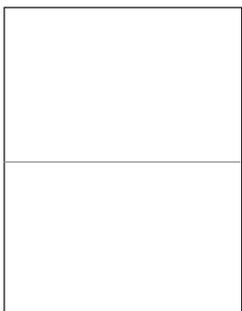
Bronze CL4499



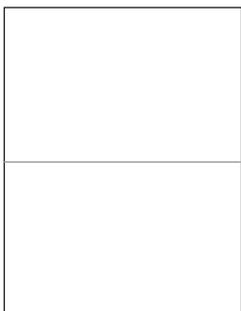
Yellow CL4502



Magenta CL4505



Red CL4506



Brown CL4509



Mauve CL4511

Chroma-Lite®

Typical properties

| Chroma-Lite® Grade* | Composition | Particle size [µm] range** | Density [kg/L] | Approx. bulk density*** [g/in ³] |
|-----------------------------|--------------------------|----------------------------|----------------|--|
| Chroma-Lite® Black CL4498 | Mica, BiOCl, Iron Oxides | Average 15–25 | 3.5 | 4.5–6.5 |
| Chroma-Lite® Bronze CL4499 | Mica, BiOCl, Iron Oxides | Average 15–25 | 3.5 | 4.0–5.5 |
| Chroma-Lite® Yellow CL4502 | Mica, BiOCl, Iron Oxides | Average 15–25 | 3.5 | 3.5–5.5 |
| Chroma-Lite® Magenta CL4505 | Mica, BiOCl, Carmine | Average 15–25 | 3.5 | 3.5–5.5 |
| Chroma-Lite® Red CL4506 | Mica, BiOCl, Iron Oxides | Average 15–25 | 3.5 | 4.0–6.0 |
| Chroma-Lite® Brown CL4509 | Mica, BiOCl, Iron Oxides | Average 15–25 | 3.5 | 4.0–6.0 |
| Chroma-Lite® Mauve CL4511 | Mica, BiOCl, Iron Oxides | Average 15–25 | 3.5 | 3.5–7.0 |

* 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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