

Ciba® XYMARATM Pearlescent and Metallic Effects



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Ciba® XYMARATM effect pigments –

Multiple dimensions of sparkling and shining colors

With Ciba® XYMARATM effect pigments, you gain access to many unique dimensions of appealing effects. Invent your own world of emotions with an exciting appearance, glimmering lights and glamorous effects. Create desirable designs and innovate your colors with sparkle and shine.

Ciba® XYMARATM product range –

A versatile palette of solutions for the plastic industry

The Ciba® XYMARATM pearlescent and metallic effect pigment ranges are an exciting enhancement to solutions offered by Ciba Specialty Chemicals for the plastics industry. They feature a wide range of product types to supply your needs for effect pigments in many applications and end-uses. The effects offered are:

Ciba® XYMARATM Silver Pearl for Silver White Pearlescent Effect

Ciba® XYMARATM Dual Pearl for Interference Dual Colored Pearlescent Effect

Ciba® XYMARATM Gold Pearl for Metallic Gold Luster Effect

Ciba® XYMARATM Bronze Pearl for Metallic Bronze Luster Effect

Ciba® XYMARATM

turns dreams, fantasy and fiction into reality.

Ciba® XYMARATM pearlescent and metallic effects – Sensations of transparency and reflected lights

Ciba® XYMARATM pearlescent and metallic effect pigments are based on transparent mica platelets which are covered with very thin layers of metal oxides such as TiO₂ and / or Fe₂O₃. A wide range of color effects has been created by varying the metal oxide used and the layer thickness. The desired effect is achieved by the interaction of transparency, refractive index and multiple reflection, allowing various ranges to be offered.

A synergistic palette of pigments – Brilliant combinations of transparent colors and shimmering effects

You can combine Ciba® XYMARATM effect pigments with any of our wide range of unique transparent colorants to create brilliant colored effects and open up new styling possibilities. Pigments such as Ciba® CROMOPHTAL® Yellow GT-AD, Ciba® CROMOPHTAL® DPP Orange TRP, Ciba® IRGAZIN® DPP Red BTR, Ciba® IRGAZIN® DPP Rubine TR and Ciba® CROMOPHTAL® Blue PD 4167 provide sheer transparency and high color strength to let the effects shine through.

For styrenics and engineering plastics you can use Ciba® ORACET® polymer soluble colorants. Ciba supplies everything you need to realize your effect fantasies.

A broad spectrum of applications - Sensitive end-uses included

Ciba® XYMARATM effect pigments and transparent organic colorants can be used in many plastic substrates such as polyolefins, PVC, PETP, and styrenics. The brilliant, colored effects are of particular interest for packaging applications. All the Ciba® XYMARATM pigments meet Ciba Purity Limits, the EU Resolution AP89/1 and the German BfR. Specific products are listed on the French Positive List and are FDA approved. Subject to local regulations they can be applied in:

- Packaging in general, particularly for cosmetics and food
- Toys and household articles
- Leisure goods
- Seed coatings for the agricultural industry

For more detailed information please contact us or visit www.cibasc.com/xymara