



MOCOM

Alcom® CFX Color Effects Exceptional colors

Alcom® CFX is the solution for challenging and extraordinary design concepts. Due to the glossy or matt metallic effects, applications demonstrate a very special and high-quality touch.

In segments that are acknowledged by design such as Automotive Interiors, Consumer Electronics or Sport and Leisure, not only functionality is determinant but high-value layouts also play a large role. Alcom® CFX gives a brilliant metallic surface aspect without any visible weld or flow lines that can be compared to galvanic or aluminium surfaces.

Alcom® CFX economizes cost intensive and pollutive lacquering or metallization processes whilst keeping a constant and lasting surface aspect. Furthermore, little scratches on the surface do not stand out with these mass colored compounds. The “intrinsic values“ of the material are also not influenced by small inadvertencies and damages during use.

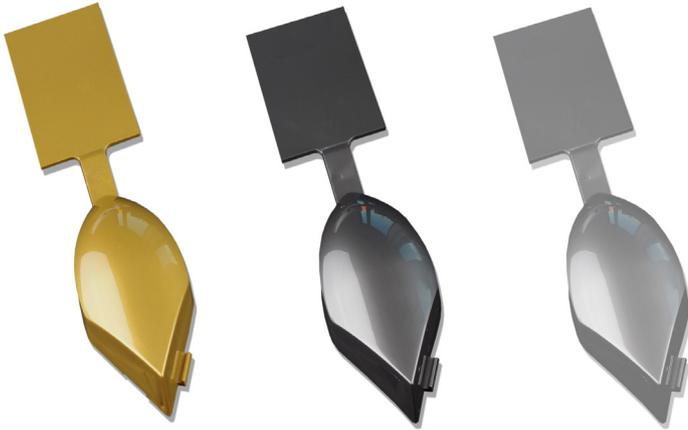
Alcom® CFX offers a large range of products for all kind of application areas such as electronics, building and construction or sport and leisure. We are pleased in helping you to develop individual products that meet your needs.

Alcom® CFX: the advantages at a glance

- Various and individual color impressions
- Almost flow-line-free surfaces
- Mass colored compounds based on different polymers
- No additional post-processing
- Cost saving
- Environmentally friendly

| Polymer | Material name | Color/Characteristics | Flexural Modulus ISO 178 | Charly Notched Impact ISO 179/1eA | Vicat B50 ISO 306 | MVR 220/20 ISO 1133 | Sample applications |
|---------|--|---|-----------------------------|---|----------------------|------------------------|------------------------------------|
| ABS | Alcom® CFX ABS 1000 16012 SV1017-16MC | silver metallic | 2.500 MPa | 13 kJ/m ² | 93 °C | 30 g/cm ³ | Housing, cover, control button |
| | Alcom® CFX ABS 1000 UV 16013 GY1018-16MC | grey metallic UV-stabilized | 2.800 MPa | 11 kJ/m ² | 107 °C | 12 g/cm ³ | Housing, cover automotive interior |
| | Alcom® CFX ABS 1000 GD1203-19MC | gold metallic | 2.500 MPa | 18 kJ/m ² | 94 °C | 30 g/cm ³ | Housing, cover |
| ASA | Alcom® CFX ASA 1000 UV 15116 SV1163-15MC | silver metallic UV-stabilized | 2.400 MPa | 8 kJ/m ² | 95 °C | 25 g/cm ³ | Housing, cover |
| PC | Alcom® CFX PC 1000 UV 16005 SV1009-16M | silver metallic | 2.500 MPa | 5 kJ/m ² | 142 °C | 24 g/cm ³ | Housing, cover |
| PA6 | Alcom® PA6 900/8 GF10 MR20 SV12-778MCF | silver metallic heat-ageing stabilized | 6.000 MPa | 4 kJ/m ² | 200 °C | 42 g/cm ³ | Engine cover |
| PA66 | Alcom® PA66 910/8 IM SV1246-07MCF | silver metallic impact modified | 1.900 MPa | 50 kJ/m ² | 168 °C | – | Helmet, housing |
| PP | Alcom® PP 620/2 GY1073-10MCF | grey metallic | 1.600 MPa | 40 kJ/m ² | 95 °C | 70 g/cm ³ | Housing, cover |

Additional products - also as batch - and information are available on request.



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