

ALCOM® CFX – COLOR EFFECTS

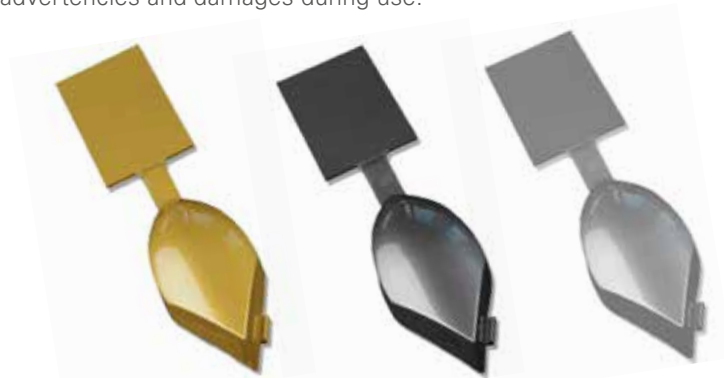
Exceptional color impressions



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® Color Effects: 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-stabilised	2,800 MPa	11 kJ/m ²	107 °C	12 g/cm ³	Housing, cover automotive interior
	ALCOM® CFX ABS 1000 16001 GD1000-16MC	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-stabilised	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 stabilised	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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