

AF-CirColor® masterbatches

Based on biomass-balanced carrier materials

Color, carbon black and additive masterbatches

In close cooperation with AF-COLOR, we offer you a broad variety of masterbatches. The use of a biopolymer as a carrier material suitable for the application, for example PLA, PBAT, PCL or PP, minimises interactions with other components of the compound.

These masterbatches can be used for film, injection moulding, 3D printing, extrusion and thermoforming appli-

cations – as well as in combination with our M-BIOBASE® biocompounds. Our masterbatches and the matching biocompounds can easily be processed with standard equipment and are characterised by an excellent dispersion quality. Furthermore, the masterbatches are free of heavy metals and phthalates.

AF-CirColor®, AF-CirCarbon®, AF-CirComplex® masterbatches based on biomass-balanced carrier materials

BIO-FED has expanded its portfolio with ISCC PLUS and REDcert² sustainable certified M-BIOBASE® compounds made from biomass-balanced polypropylene (PP). These compounds have a reduced carbon footprint compared to conventional PP since the sources of raw materials for the PP are vegetable oil/fat waste, which is produced in various processes, e.g. in the food industry. Certification ensures traceability of the sustainable material flow along the entire value chain.

In addition to our M-BIOBASE® compounds made of biomass-balanced polypropylene, we offer you the matching ISCC PLUS and REDcert² certified masterbatches. Suitable for the field of application in the circular economy, these new color masterbatches are named AF-CirColor® and AF-CirCarbon®. The portfolio is supplemented by the matching AF-Cir-Complex® additive masterbatches.



The information given here is only valid for M-BIOBASE® grades in their original packaging, sold by BIO-FED® and/or its authorized partners. If M-BIOBASE® grades are mixed in any capacity with foreign material, beside masterbatches recommended by BIO-FED®, BIO-FED® declines any further responsibility. M-BIOBASE® grades shall be stored in dry, closed rooms in closed packaging in original state. For keeping the product properties, the material must be protected against direct sun and the temperature must not exceed 50 °C at any time during transport and storage. M-BIOBASE® grades have a remaining shelf life of twelve (12) months at room temperature (23 °C) from the delivery date. We recommend that products made of M-BIOBASE® grades shall be stored under same conditions. All M-BIOBASE® products listed here can be colored with AF-CirColor® and AF-CirCarbon® masterbatches from AF-COLOR, certified according to the sustainability standard ISCC PLUS and/or REDcert². Furthermore AF-CirComplex® additive masterbatches are available. Please note that the use of masterbatches might influence the mechanical and/or optical properties of the final part.

The information contained herein is based on our current knowledge and experience. A legally binding promise of certain characteristics or suitability for a concrete individual case cannot be derived from this information. The information supplied here is not intended to release processors and users from the responsibility of carrying out their own tests and inspections in each concrete individual case. BIO-FED®, M-VERA®, M-BIOBASE®, AF-Eco®, AF-CirColor®, AF-CirCarbon® and AF-CirComplex® are registered brands of AKRO-PLASTIC GmbH.



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