

AF-Eco® PB 950594 HL Black

Biodegradable Carbon Black Masterbatch for Mulch Film Applications

Application

In agriculture applications, mulch films are used to cover the soil in order to suppress weeds and to promote the crops growth. Our biocompound M·VERA® A5001 (B0090), certified "OK compost INDUSTRIAL" by TÜV AUSTRIA Belgium, is dedicated to mulch film applications.

To optimise growth and harvest of the crops and to protect the film against UV radiation the natural tone of M·VERA® A5001 can be colored into black by a masterbatch during the converting process.

In order to ensure a perfect dispersion enabling the film converter to produce thin films with a very high opacity BIO-FED has developed together with AF-COLOR a masterbatch grade that unifies all necessary properties to color mulch films according to the needs of the film converters: AF-Eco® PB 950594 HL Black.

Product Features

- Masterbatch based on biodegradable carrier with high loading level of carbon black pigment
- TÜV AUSTRIA Belgium certified in accordance with EN 13432 (S467, "OK compost INDUSTRIAL")
- Packaging: 25 kg PE bags on palettes, alternative packaging on request



Technical Data

- | | |
|--------------------------|--------------|
| • Dosage: | 6 % |
| • Melting temperature: | 110 – 130 °C |
| • Temperature stability: | 220 °C max. |



The information given here is only valid for AF-Eco® grades in their original packaging, sold by BIO-FED® and/or its authorized partners. AF-Eco® 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. AF-Eco® grades have a remaining shelf life of six (6) months at room temperature (23 °C) from the delivery date. We recommend that products contain AF-Eco® grades shall be stored under same conditions.

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® and AF-Eco® are registered brands of AKRO-PLASTIC GmbH.



BIO-FED

Branch of AKRO-PLASTIC GmbH

BioCampus Cologne · Nattermannallee 1
50829 Cologne · Germany
Phone: +49 221 888894-00
Fax: +49 221 888894-99
info@bio-fed.com · www.bio-fed.com