

ecoflex® Batch Black

Black masterbatch for ecoflex® and ecovio®

® = Registered trademark of BASF SE

Product description

ecoflex® is our certified compostable, aliphatic-aromatic copolyester typically for film extrusion.

ecoflex® Batches are also based on ecoflex®, in order to have a biodegradable and compostable matrix for this special masterbatch. Masterbatches based on ecoflex® will enable you to qualify your application for certificates according to world wide existing standards.

ecoflex® Batch Black is used to avoid the penetration of light through mulch films to eliminate the development to herbs under the film.

ecoflex® Batch Black contains 40 % of carbon black.


Food Contact Status

ecoflex® Batch Black can be used as a blend component for ecoflex® and ecovio® grades. Food contact certificates for ecoflex® and ecovio® grades, information about specific limitations and details concerning the food contact status for different regions worldwide can be obtained upon request via a local BASF representative or by contacting plastics.safety@basf.com.

The suitability of the article for the application concerned must be ensured in each case by the person who places any finished food contact article on the market.

Certification of Compostability and Biodegradability

ecoflex® Batch Black fulfils the requirements of the existing standards for compostable and biodegradable polymers, because it can be degraded by microorganisms.

Certification body	TÜV Austria	
Certification Scheme	OK BIODEGRADABLE Soil	
Certification Number	TA8032508919	

Form supplied and storage

ecoflex® Batch Black is supplied as pellets in 25kg bags. Temperatures during transportation and storage may not exceed 70°C at any time.

Quality Control

ecoflex® masterbatches are produced on state of the art compounding machines according to DIN EN ISO 9001. The additive and the moisture content have been defined as specified parameters for quality control of ecoflex® Batch Black. A certificate can be provided with each lot number upon request. Other data given in our literature are typical values, which are not part of our product specification for ecoflex® Batch Black.

Applications

ecoflex® and our ecovio® film products have been developed for the conversion to flexible films using a blown film or cast film process. Typical applications are packaging films, agricultural films and compost bags. In view of numerous factors influencing functionality and shelf life of ecoflex® or ecovio® films and finished articles made thereof these parameters have to be tested by the converters before utilisation.

We supply technical service information concerning the blown or cast film process with ecoflex®, ecovio® and ecoflex® masterbatches on demand.

Note

The information submitted in this document is based on our current knowledge and experience. In view of the many factors that may affect processing and application, these data do not relieve processors of the responsibility of carrying out their own tests and experiments; neither do they imply any legally binding assurance for a special purposes. It is the responsibility of those to whom we supply our products to ensure that any proprietary rights and existing laws and legislation are observed. (February 2026)