



Caparol Industrial Solutions GmbH
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64372 Ober-Ramstadt

NEFA® MB F

Innovative colour masterbatches for polymer materials

Product description:

NEFA® MB F are innovative colour masterbatches based on thermoplastic elastomers.

The use of a special manufacturing process for NEFA® MB F means that it is possible to manufacture the colour and additive masterbatches in this product group free from dispersion agents.

NEFA® MB F ensure optimum dispersion of the pigments, so that these masterbatches develop a unique colour intensity in TPEs. Only high-quality raw materials are used in formulating the NEFA® MB F masterbatches.

Depending on the intended use, it is possible to formulate NEFA® MB F in line with the FDA guidelines or the provisions of EU 10/2011.

The use of NEFA® MB F has been proved to achieve the following positive properties:

- No dispersion waxes means no formation of deposits
- High opacity because of unique manufacturing process of NEFA® MB F
- No impact on mechanical properties due to lack of dispersion additives
- Improved processing and mould-release behaviour due to special masterbatch carrier polymers

Material base:

Thermoplastic elastomers

Uses:

Can be used in the entire spectrum of TPO, TPS, TPV, TPC, TPA ; polyolefins, styrenic polymers and polyesters

Any application recommendations must always be verified for the specific intended purposes; such verification is essential for quality assurance reasons.

Colours:

Variable, customer-specific

Properties:

Pourable, coloured cylindrical granulate

Application:

Operational temperature range 160° - 280°C in an injection moulding machine or extruder. The masterbatch carriers are high-molecular, thermoplastic elastomers and should preferably be processed above 170°C.

Recommended dosage:

Application -specific, from 0.5 - 10%, depending on base material and colour location

Residual moisture:

< 0.5%

Storage:

In undamaged, closed, original containers in a cool, frost-free place.

Packaging unit:

25 kg bags, BigBag

Hazard information and safety advice:

Commercial / industrial application workers will find the information they need from the Safety Data Sheet

Technical Service and production location:

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This technical information has been compiled based on the state of the art and our experience. In view of the large number of possible requirements and conditions it is however still your responsibility as purchaser/user to check that our product/products are actually suitable for the planned application. If you still have queries about our product (e.g. about uses which are not listed in this technical information or about applications), please contact us, we would be pleased to respond. This Technical Information is only valid in its most recent version. If necessary, please make sure this version is valid with an appropriate enquiry to us.