

## NEFA® MB H

### Innovative Masterbatches for Wood Plastic Composites

#### Product Description:

NEFA® MB H are innovative colour and additive masterbatches for use in wood plastic composites (WPC).

The use of the patented manufacturing process for NEFA® MB H allows to manufacture this masterbatches free from dispersion agents.

NEFA® MB H offer optimum dispersion of the pigments at a very high pigment loading, so that these additives develop a unique colour strengths and extraordinary opacity in WPCs. High-quality raw materials enabling maximum light and weathering fastness are used in formulating these masterbatches.

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

- Reduction of processing temperature, pressure and torque, resulting in energy saving in processing and a lower thermal and mechanical stress on the wood fibres
- Reduced coefficient of friction of the WPC melts and the moulded parts (profiles) produced, resulting in protection of machines and tools from abrasion
- Minimal impact on mechanical properties due to lack of dispersion additives
- Outstanding colour intensity due to patented process for manufacturing NEFA® MB H
- Excellent distribution of the masterbatch in the WPC due to optimised melt and viscosity behaviour of NEFA® MB H.

#### Material Base:

customer specific aligned with WPC matrix

#### Uses:

Can be used in the entire spectrum of WPC.

#### Colours

variable, customer-specific

#### Properties:

pourable, cylindrical granulate

#### Application:

injection moulding machine or extruder

#### Recommended Dosage:

customer specific, depending on base compound and colour location

#### Residual Moisture:

< 0.5%

#### Storage:

in undamaged, closed, original containers in a cool place

#### Packaging Unit:

25 kg bags, BigBag

#### Hazard Information and Safety Advise:

Commercial / industrial user will find related information in the Material Safety Data Sheet.

#### Technical Service and Production Location:

Caparol Industrial Solutions GmbH, Neichener Strasse 38, 04668 Grimma  
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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..