



*Color Masterbatches*

# M - COLOR<sup>®</sup>

## **Characteristics**

Color masterbatches **M-COLOR** are specially treated mixtures of organic and inorganic pigments incorporated in a suitable plastic carrier.

**M-COLORs** are produced in color shades according to RAL or PANTONE standards or according to individual customer color specimens. Our offer includes also transparent dyes, both black and glossy flitters, metallic effects, fluorescent dyes and masterbatches for coloring man-made fibres.

## **Application**

**M-COLOR** masterbatches are meant to be used for coloring consumer goods as well as technical articles made of plastics, such as LDPE, LLDPE, HDPE, PP, PS, ABS, POM, PC, PES, PBT, PA, etc. They have also been successfully implemented in nonwoven textile, blown and extruded film productions.

## **Processing**

**M-COLORs** can be processed by injection molding, extrusion and blow molding technologies employing common processing equipment. The let-down ratio is usually between 0.3 to 5% wt. according to a required hiding power.

## **Mixing**

**M-COLOR** masterbatches can be mixed with most of the commonly used masterbatches of thermostabilizers, UV-stabilizers and antistats.

## **Health Safety**

**M-COLOR** masterbatches are made out of the raw materials which comply with the Direction of Ministry of Health of the Czech Republic No. 38/2001 Sb. „Hygienic Regulation of Hygienic Requirements for Articles which may come into Contact with Foodstuffs“ and Commission Regulation (EU) No 10/2011 on plastic materials and articles intended to come into contact with food.

## **Storage**

**M-COLOR** masterbatches should be stored under the same conditions as basic polymers. The masterbatches should be kept away from heat sources and sunshine, contact with open fire should be avoided. The storage period at room temperature is 2 years.

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