

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.

Packaging

M-COLOR masterbatches are packed in 25 kg PE bags.

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.

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“. The pigments used also meet the requirements for maximum content of heavy metals according to The Recommendation No. IX of the Federation Office for Consumer Protection and Veterinary Medicine (BgVV, formerly BGA).