We Look Forward to Meeting With You!

AF-Color® – Masterbatches for Diverse Applications of Daily Use

AF-COLOR – Customer-Focused Masterbatch Expertise Within the Corporate Alliance of the Feddersen Group

AF-COLOR means high-quality engineering masterbatches. As a registered branch of AKRO-PLASTIC GmbH located in Niederzissen, we make use of the synergies from our compounding expertise in research, development and production technologies to create successful solutions which meet our customers’ requirements.

Since 2003, AF-COLOR has been the specialist in masterbatch production within the international corporate alliance of the Feddersen Group. In previous years, the company has continuously invested in and expanded environmentally friendly facilities in important divisions such as R&D, Logistics and Sales. We currently rank among the world’s leading masterbatch suppliers and provide solutions to all industries, incorporating their varied requirement profiles thanks to our state-of-the-art production facilities. The standards we provide are in line with our DQS-certified processes. We are continuously adapting our production capacities to meet the increasing market demand.
Welcome to the Colorful World of Plastics

Color has become an indispensable part of the consumer goods market in recent years, and its significance has grown significantly. It is not only a key element for the aesthetic appeal of products but also an essential factor in consumer behavior and product differentiation. However, it also represents the colors and images of a brand.

What is more, it offers a wide variety of functions as a resource for design and as a means of expression. Thus, the future of color looks promising. In this text, the authors will explore the potential of color and its influence on the plastic industry.

Power Tools – Strong Colors for Powerful Applications

Power tools are a favorite area of application for strong colors. They symbolize strength and durability, which is why they are often used in this sector. The selection of colorants is particularly important in this case, as the colorants must be able to withstand the high temperatures and stresses experienced in power tools.

Toys – High Standards for Children’s Health

Toys are an important area of application for colorants, as they are often used in areas that come into direct contact with children. Thus, the colorants must meet high standards in terms of safety and performance. This demands a high level of quality and functionality.

Automotive

The automotive industry is another area where colorants are used extensively. In this industry, colorants are used to create visually appealing designs and to improve the performance of components. The selection of colorants must be done carefully, as the colorants must be able to withstand the high temperatures and stresses experienced in automotive applications.

Appliances – White Goods

Appliances, such as washing machines, refrigerators, and ovens, are another area of application for colorants. In this industry, colorants are used to create visually appealing designs and to improve the performance of components. The selection of colorants must be done carefully, as the colorants must be able to withstand the high temperatures and stresses experienced in these applications.

Guaranteed Quality – A Question of High Standards

A well-trained eye

A special masterbatch formulation is decisive for every application. For automotive components, the requirements are particularly high. In addition to coloration, material components of a masterbatch formulation must also be able to withstand high temperatures. The colorants must be able to withstand the high temperatures and stresses experienced in automotive applications.

A Well-Trained Eye

When customers request, in a request for a new color setting, the requirement can naturally vary according to the application and the demands of the customer. The colorants must be able to withstand high temperatures and stress. It is therefore necessary to find the right colorants for each application. The colorants must be able to withstand the high temperatures and stresses experienced in automotive applications.

Our Catalogue of Services

A special masterbatch formulation is decisive for every application. For automotive components, the requirements are particularly high. In addition to coloration, material components of a masterbatch formulation must also be able to withstand high temperatures. The colorants must be able to withstand the high temperatures and stresses experienced in automotive applications.

Support During the Introduction of the Masterbatch into the Production Process

Every material handling process has a certain degree of complexity. To meet the needs of customers, our experts provide technical support throughout the entire process. At the request of our customers, we also support the implementation of masterbatch applications in their production lines.

Temperature stability

Our colorants feature excellent thermal stability, which is decisive for high-quality colorants. The colorants used in automotive components and appliances are also subjected to rigorous testing to ensure that they meet the highest standards of thermal stability.

Migration

The FDA and BFR and EN standards do not regulate a specific level of migration in the food industry. In practice, however, it is recommended to conduct a migration test to ensure that the colorants are safe for use in food applications.

Disclaimer:

The text does not include a disclaimer. However, it is always recommended to conduct safety and health assessments before using colorants, as some colorants may be toxic or harmful. It is also recommended to conduct stability testing to ensure that the colorants remain stable over time.

Please also note our disclaimer.