

Masterbatch Market Size, Growth, Analysis To Reach USD 18.78 Billion By 2028 | Reports And Data

Masterbatch Market Size: USD 12.55 Billion in 2020, Market Growth: CAGR of 5.2%, Market Trends: Increase in scope of application and research and development

NEW YORK CITY, NY, UNITED STATES, March 18, 2022 /EINPresswire.com/ -- Global [Masterbatch Market](#) was valued at USD 12.55 Billion in 2020 and is

expected to reach USD 18.78 Billion by the year 2028 at a CAGR of 5.2%. Masterbatch is an additive for plastic used for either coloring plastics or imparting other properties to the plastic. It is a concentrated mixture of pigments or additives encapsulated during the heating process into a carrier resin which is then cooled and cut into granular shaped beads. It allows the processor to color raw polymer economically during the manufacturing process of the plastic. Various types of carrier polymers such as PA (Polyamide), PE (Polyethylene), PET (Polyethylene terephthalate), PP (Polypropylene) and PVC (Polyvinyl Chloride). These help in improving acceptance and dispersion of wide range of plastic additives and functional fillers. Master batches come in various types namely white, black, color and additive. It allows the processor to color raw polymer economically during the manufacturing process of the plastic. The production of Masterbatch takes place, mainly, in six steps: weighing, mixing, twin screw extruding, cutting and cooling, sieving and bagging.

Masterbatches are already premixed compositions and thus, their use alleviates the issues with the additive or colorant clumping or insufficient dispersion. Masterbatches have had an increase in demand due to the replacement of metal by plastic in majority of the industries. This, has been the key driving factor for the market. However, in comparison to pure pigments, masterbatches require more storage space and their lead time is also longer. Another restraining factor of this market is the existence of stringent environmental regulations due to the non-biodegradability of plastic.



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In market segmentation by manufacturers, the report covers the following companies- Clariant AG, A. Schulman, Ampacet, Masterbatching Technologies LLP, Coperion, Global Colors Ltd., Penn Colors and Plastiblends India Ltd.

Further key findings of the report suggest that

It is used to impart color and strengthen the properties of plastic. Masterbatch helps plastics improve a lot of physical properties such as toughness, flexural stiffness, adhesion, printability etc.

Several consumer goods manufacturers today are opting for attractive packaging to their products in order to attract customers. This has played in favor of the Masterbatch markets.

Masterbatches are available in solid forms as well as liquid forms.

In comparison to pure pigments, masterbatches require more storage space and have a longer lead time. This acts as one of the challenging factors.

Most companies, also, offer filler masterbatches which are further divided into several types as per their functionalities. For instance, UV masterbatches are filled with UV stabilizers and are used in products that are to be exposed in open sunlight. Such products include irrigation pipes, garden furniture, agriculture greenhouse films etc. Antioxidants masterbatch is used to protect polymers from degradation at high temperatures. Optical brightener Masterbatch is used to impart a final white brightness without any blue tone, as opposed to that of white type of masterbatch.

Stringent environmental regulations and non-biodegradability of plastic act as the restraining factors of the market.

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Growth Prospects:

The packaging sector has been attempting to gain momentum in the past couple of years on the back of the massive boom of the e-commerce industry. The market growth will be credited to the e-commerce transport and shipment, personal care, household, food and beverage, and healthcare sectors for convenience packaging.

These aspects have pushed leading players to dedicate their resources towards new packaging designs or to reinvent existing packaging designs to accommodate higher convenience and manageability, which will drive the global Masterbatch Market growth. The vintage packaging sector is also experiencing high demand, and even though it targets a limited consumer base, it is expected to grow at a rapid pace in the coming years.

To know more about the report @ <https://www.reportsanddata.com/report-detail/masterbatch-market>

In market segmentation by types of Masterbatch, the report covers-

Black

White

Colour

Additive

Filler

UV

Optical Brightener

Anti-oxidants

In market segmentation by applications of the Masterbatch, the report covers the following uses-

Packaging

Building and Construction

Automotive

Consumer good

Regional Outlook

North America (U.S., Canada)

Europe (U.K., Italy, Germany, France, Rest of EU)

Asia Pacific (India, Japan, China, South Korea, Australia, Rest of APAC)

Latin America (Chile, Brazil, Argentina, Rest of Latin America)

The Middle East & Africa (Saudi Arabia, U.A.E., South Africa, Rest of MEA)

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