



**Finke at K 2022**  
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## **Finke FIBACOMP-3D: The perfect color compound for large-scale 3D-printing**

*With the color compounds of the FIBACOMP-3D series, Finke brings color to large-scale additively manufactured components.*

Wuppertal, September 2022 - For 3D-printing of large components, Finke, a leading manufacturer of products for coloring plastics, has developed its new FIBACOMP-3D compound series. The FIBACOMP-3D series is precisely tailored to 3D-printing directly from pellets and combines easy processability with individual coloring.

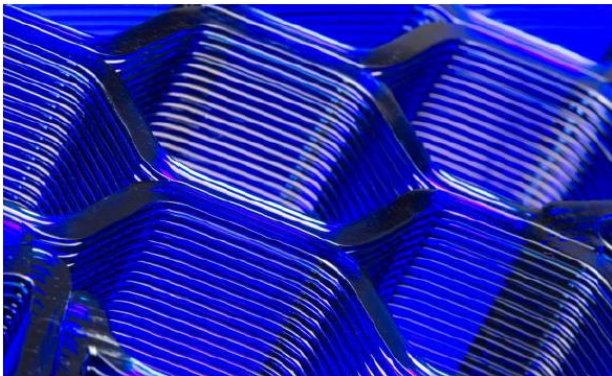
In the plastics industry, additive manufacturing is the process of choice for the production of individual components in small batch sizes or of small series. Especially the design sector highly appreciates the great potential of 3D-printing and employs it for numerous applications. Using this technology, large objects, such as pieces of furniture or other design elements, can be developed within a short period of time and produced cost-efficiently in small batches. Additive manufacturing is used, for example, in the production of seasonal products and toys in small and special series or in trade show construction.

It goes without saying that color design plays a special role in these areas. However, conventional masterbatch solutions often deliver unsatisfactory color results in 3D-printing. This is mainly due to the fact that the extruders used in additive manufacturing systems are designed exclusively for plasticizing the material, but not for mixing different components. With FIBACOMP-3D, Finke offers a completely dyed granulate that only needs to be plasticized in the extruder for processing in 3D-printing.

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Like all products, Finke tailors FIBACOMP-3D to the planned application. In close cooperation with the processor, material, color and other additives are configured individually. Depending on the component to be built, further additives such as UV and thermostabilizers, antistatics or lubricants can be added. Sustainability and FIBACOMP-3D go hand in hand here, as numerous variants based on PCR are available in addition to those based on virgin material. A range of standard colors based on PETG is in stock, guaranteeing particularly fast conversion of new ideas into finished products.

As usual, Finke accompanies customers from the design phase to series production, thus ensuring a short time-to-market for new developments in additive manufacturing.



Finke\_FIBACOMP-3D.jpg

The FIBACOMP-3D series is precisely tailored to 3D printing directly from pellets and combines easy processability with individual coloring. (Source: Finke)

#### **About Finke:**

Karl Finke GmbH & Co. KG, with registered office in Wuppertal (Germany), ranks among the largest medium-sized manufacturers of pigment preparations for the plastics'-processing industry in Europe. The high-quality master batches, liquid paints, color pastes and pulverised pigment preparations are used in cosmetics' and foodstuffs' packaging, in injection-moulding applications, in technical components, in film-processing as well as in the automotive and furniture industries.

With 70 years of experience in the sector, the ISO 9001, 14001 and 50001-accredited company prides itself in its ability to accompany its customers and their products from the design phase all the way through to start of production. State-of-the-art technical equipment is the customer's guarantee of a second-to-none, application-specific advisory service in colors, all of which can take place either in the company's in-house laboratory facility or on the customer's own premises.

As an independent company, Karl Finke GmbH & Co. KG operates distribution bases in numerous different countries and exports its products on a worldwide scale.