

Wematter strengthens its offering to the automotive industry

– Launches ESD material for electronic components



A common application for ESD-safe printing is vehicle control unit covers.

Swedish 3D printer manufacturer Wematter is expanding its range of materials with Aurora ESD. The material is used in electronic components, particularly in the automotive industry.

Static electricity is a very serious problem in electronics manufacturing that can damage or completely destroy electronic components. Aurora ESD (Electrostatic Discharge)) is designed to protect these sensitive components so that electrostatic discharge cannot occur.

Wematter offers advanced industrial technology in a user-friendly all-in-one solution that includes hardware and software. The company's complete solution also includes the powder material used by the customer for 3D printing. The company's roster of materials includes Aurora PA11, a standard powder. ESD (short for Electrostatic Discharge) reduces static electricity to protect electrostatically

sensitive components. Wematter's new ESD material is based on Aurora PA11's proven capacities. It is reinforced with carbon fibre to imbue the material with conductive properties and make the material more rigid.

"After a tough pandemic period, where many supply chains have had to shut down, we are seeing an increased interest from the market in having user-friendly polymer 3D printers with powder embedding technology. With more customer requests, the desire for more customised materials is also increasing. We have had an exciting year working on several different materials at Wematter. It is finally time to launch Aurora ESD, which allows customers to solve distribution challenges. Companies do not need to become vulnerable in the event of a pandemic, for example. They are also able to obtain unique properties at the component level with Wematter's Aurora ESD. I am proud to present the result of the entire company's investment in new materials," said Robert Kniola, founder and CEO of Wematter.

[Read more about Aurora ESD in this article](#)

About Wematter (publ)

Swedish 3D printing company Wematter's pioneering solution gives hospitals, offices, and workshops access to a comprehensive system. For the first time, employees can easily print components themselves with the same strength and quality as traditional technology. Wematter's proprietary end-to-end solution enables customers to accelerate product development and in-house volume production. At the same time, the system creates the conditions for increased flexibility, lower risk and reduced manufacturing and development costs.

For more information about Wematter, visit www.wematter3d.com

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