

Addition of New Stratasys Materials Reinforces Commitment to End-use Production and Manufacturing-grade Prototyping

Company announces four new materials for the P3™ DLP platform and two new materials, including color enhancements, for the F900

EDEN PRAIRIE, Minn. & REHOVOT, Israel--(BUSINESS WIRE)-- [Stratasys](https://www.stratasys.com) Ltd. (NASDAQ: SSYS), a leader in polymer 3D printing solutions, today announced four new P3 materials including Somos® WeatherX™ 100, as well as the development of its Kimya PC-FR and FDM HIPS validated materials for the F900™. The addition of these new materials opens the possibilities for more manufacturing applications and to accelerate the expansion of material options available in the marketplace.

This press release features multimedia. View the full release here:
<https://www.businesswire.com/news/home/20231108418824/en/>



Parts made from new Stratasys materials. (Photo: Business Wire)

Four New P3™ DLP Materials

Stratasys is reinforcing its P3™ DLP platform for end-use production and manufacturing-grade prototyping with four new performance-grade materials for Origin® One printers:

- **Somos® WeatherX™ 100*:** For environmentally durable applications like vehicle interiors, motorcycle components and outdoor consumer products. It provides

manufacturers more reliable testing data on material weatherability, durability and

dimensional accuracy as it is tested with stringent SAE industry standards.

- **Somos® PerFORM™ HW***: For injection molds or high stiffness fixtures that require rigidity. This is a ceramic-filled material that offers high abrasion and high-temperature resistance.
- **P3™ Deflect™ 190 ESD***: A specialty resin, developed with Henkel, that enables AM for jigs and fixtures in electronic and general manufacturing as well as tooling and housing applications. Its properties include HDT (Heat Deflection Temperature) of 190°C, electrostatic dissipative properties (ESD), and high stiffness.
- **P3™ Stretch™ 80***: An elastomeric prototyping resin developed with Forward AM by BASF, for soft or flexible parts like seals, gaskets, grips and maskants. This material is an affordable addition to the existing elastomers, for users starting elastomer printing or seeking a replacement for traditional polyurethane or TPU.

Stratasys is also introducing automatic support generation functionality to its GrabCAD® Print software for Origin® One. Workflows become easier as users can choose from predefined support profiles based on material properties - rigid, tough, or elastomeric – or customize for workflow control.

Two New F900™ Materials

To support the continued growth of the Stratasys F900™, Stratasys has two new materials for the F900, as well as eight new colors for ULTEM™, PC, and PC-ABS. The expanded material line creates more value on the platform by expanding Stratasys' application space with a larger variety and a bigger portfolio. Additionally, new colors allow customers more flexibility and reduce post-process costs.

- **Kimya PC-FR**: A flame-resistant polycarbonate material that meets EN45545 requirements for rail applications and is specifically designed for end-use parts, including low-volume production and replacement parts.
- **FDM HIPS**: An affordable high-impact polystyrene-based material for low requirements applications.

The new OpenAM™ software, including an open material license, is also now available for the F900, enabling printing with exploratory open materials.

“Expanding our portfolio of validated materials offers our customers the additional choices needed to address a broader range of applications to produce at scale,” said Stratasys CEO Dr. Yoav Zeif. “As additive manufacturing continues to enjoy growth, there is no limit to what is possible with 3D printing, and we are pleased to be able to deliver on this promise to our customers.”

*These materials will become commercially available late 2023 / early 2024.

About Stratasys

Stratasys is leading the global shift to additive manufacturing with innovative 3D printing solutions for industries such as aerospace, automotive, consumer products, healthcare, fashion and education. Through smart and connected 3D printers, polymer materials, a software ecosystem, and parts on demand, Stratasys solutions deliver competitive advantages at every stage in the product value chain. The world's leading organizations turn

to Stratasys to transform product design, bring agility to manufacturing and supply chains, and improve patient care.

To learn more about Stratasys visit www.stratasys.com, the Stratasys [blog](#), [Twitter](#), [LinkedIn](#), or [Facebook](#). Stratasys reserves the right to utilize any of the foregoing social media platforms, including the company's websites, to share material, non-public information pursuant to the SEC's Regulation FD. To the extent necessary and mandated by applicable law, Stratasys will also include such information in its public disclosure filings.

Note to Editors: High-resolution images and additional information are available upon request from appropriately listed media contacts.

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