3D SYSTEMS

Press Release

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3D Systems Expands Industry-leading Materials Portfolio with Introduction of New Production-grade Materials

- Figure 4® Tough Clear – first production-grade, clear material in Figure 4 portfolio - opens new industrial applications requiring long-term use parts
- Company builds on open materials strategy for selective laser sintering with DuraForm® PAx Black - lower cost, highly recyclable nylon copolymer for industrial applications

ROCK HILL, South Carolina, September 12, 2022 – Today, 3D Systems (NYSE:DDD) announced Figure 4® Tough Clear and DuraForm® PAx Black – two new production-grade materials designed to address a breadth of industrial applications. Both materials have been engineered for long-lasting mechanical performance and stability in any environment making them ideal for a host of end-use applications in industries such as consumer goods, transportation & motorsports, aerospace & defense, and service bureaus.

Figure 4 Tough Clear Enables Direct Production of End-Use Parts

Figure 4® Tough Clear is 3D Systems' first clear material for its Figure 4 platform designed for long-term use parts and functional prototypes. Parts produced using Figure 4 Tough Clear possess excellent clarity that is improved with post-processing. This can be extremely valuable for applications such as fluid and gas flow to observe the inner workings of complex assemblies. It can also enhance light transmission and reflection for lenses, light guides and lighting covers. Additionally, this material delivers a desirable combination of

customer-critical performance traits including impact strength, tensile strength, and elongation properties which remain stable up to eight years.

Figure 4 Tough Clear is tested to eight years of indoor and one and a half years outdoor mechanical performance per ASTM D4329 and ASTM G154 methods, ensuring that printed parts remain functional and stable for long periods in real-world conditions. In addition to lenses, light guides and lighting covers, this material is ideal for a variety high volume, small part applications such as load-bearing handles, cranks, knobs and levers; structural brackets, snap-fits and fasteners; and consumer goods packaging.

"3D printing is the most cost-effective method to produce clear parts, and with the introduction of Figure 4 Tough Clear, we're giving our customers a path to reduce their time to market," said Dr. Edwin Hortelano, senior vice president, materials engineering & development, 3D Systems. "Our Figure 4 platform is easy-to-use and facilitates ultra-fast production. With our new Figure 4 Tough Clear material, customers now have a production-grade material designed for long-term stability. The combination of our Figure 4 hardware solution, and deep materials and applications expertise allow our customers to accelerate innovation and enable competitive advantage."

DuraForm PAx Black Offers Material Properties Rivaling Injection Molding

DuraForm PAx Black is the latest offering in 3D Systems' new open material portfolio for use with selective laser sintering (SLS) printers. As with the recently announced DuraForm PAx Natural, this material possesses properties similar to injection molded plastics and features high impact resistance with high elongation at break in any direction. DuraForm PAx Black is designed to be used with any commercially-available selective laser sintering (SLS) printer, regardless of the manufacturer – facilitating ease of integration into existing production workflows. This material's mechanical properties facilitate manufacturing of tough, lightweight, production-grade parts for applications such as orthotics, tooling handles, splints, and braces, ducting in rugged environments, living hinges, liquid reservoirs, and enclosures requiring high impact and high toughness. DuraForm PAx Black's properties include:

- Low temperature printing (i.e., 120°C) facilitates efficiencies in printing and post-processing
- Very impressive long-term stability ratings of over five years indoor for mechanical properties and color

- Using vapor honing to post-process parts moves the elongation at yield capability past that of other nylon materials (i.e., PA-11 and PA-12), and delivers a shiny, smooth finish nearly indistinguishable from injection molded parts
- High reuse rates (a 30% refresh rate is recommended) helps reduce waste and decrease production costs.

Figure 4 Tough Clear and DuraForm PAx Black are both planned to be available in the fourth quarter of 2022. 3D Systems will showcase these materials as part of its additive manufacturing solutions portfolio in its booth (#433104) at IMTS 2022. For more information, please visit the company's website.

Forward-Looking Statements

Certain statements made in this release that are not statements of historical or current facts are forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. Forward-looking statements involve known and unknown risks, uncertainties and other factors that may cause the actual results, performance or achievements of the company to be materially different from historical results or from any future results or projections expressed or implied by such forward-looking statements. In many cases, forward-looking statements can be identified by terms such as "believes," "belief," "expects," "may," "will," "estimates," "intends," "anticipates" or "plans" or the negative of these terms or other comparable terminology. Forward-looking statements are based upon management's beliefs, assumptions, and current expectations and may include comments as to the company's beliefs and expectations as to future events and trends affecting its business and are necessarily subject to uncertainties, many of which are outside the control of the company. The factors described under the headings "Forward-Looking Statements" and "Risk Factors" in the company's periodic filings with the Securities and Exchange Commission, as well as other factors, could cause actual results to differ materially from those reflected or predicted in forward-looking statements. Although management believes that the expectations reflected in the forward-looking statements are reasonable, forward-looking statements are not, and should not be relied upon as a guarantee of future performance or results, nor will they necessarily prove to be accurate indications of the times at which such performance or results will be achieved. The forward-looking statements included are made only as of the date of the statement. 3D Systems undertakes no obligation to update or revise any forward-looking statements made by management or on its behalf, whether as a result of future developments, subsequent events or circumstances or otherwise, except as required by law.

About 3D Systems

More than 35 years ago, 3D Systems brought the innovation of 3D printing to the manufacturing industry. Today, as the leading additive manufacturing solutions partner, we bring innovation, performance, and reliability to every interaction - empowering our customers to create products and business models never before possible. Thanks to our unique offering of hardware, software, materials, and services, each application-specific solution is powered by the expertise of our application engineers who collaborate with customers to transform how they deliver their products and services. 3D Systems' solutions address a variety of advanced applications in healthcare and industrial markets such as medical and dental, aerospace & defense, automotive, and durable goods. More information on the company is available at www.3dsystems.com.

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