



Lubrizol Announces Collaboration with Ultimaker's Material Alliance Program

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News Release

CLEVELAND, May 13, 2019 – The Lubrizol Corporation announces a collaboration with Ultimaker, the leader in desktop 3D printing, to enter the Material Alliance Program. Lubrizol is developing a unique and differentiated portfolio of TPU solutions and plans to make the material profiles available in the Ultimaker Marketplace. The goal for this integration is to help expand the choices of materials available, and unlock new and existing applications for FFF, extrusion-based 3D printing.

Lubrizol will be launching soft TPU solutions with high-demanded features such as renewable TPU, high-heat and fast printing time. The new grades are designed to be a perfect fit for the Ultimaker printers and its broad software capabilities. These new grades complement the existing commercial Estane® 3D TPU portfolio that has grown after close collaboration with customers to cover a broad range of applications in automotive, dental, sports and industrial sectors.

David Pascual, global 3DP marketing manager, says "Making our TPU material profiles available via the Ultimaker Material Alliance Program will be a step forward to recognizing the partnership that the 3DP ecosystem offers. Pascual continues, "This truly upgrades the Lubrizol presence in the market alongside a reputable brand like Ultimaker. The market will benefit from a very appealing TPU portfolio, while we learn together how to serve our customers and the market. This is a great example of a collaborative approach in 3D printing."

Bart van As, product manager materials at Ultimaker, says "I am very happy that Lubrizol is creating special TPU materials for the Ultimaker Marketplace. Their materials are very well respected in the market. We are excited to see which applications these engineered materials will unlock."

About Lubrizol Engineered Polymers

With more than 60 years of experience and a worldwide network that includes formulation design, manufacturing, R&D and cutting-edge technologies, Lubrizol Engineered Polymers offers one of the broadest portfolios of engineered polymers available today including resins that are bio-based**, recyclable*, light stable, flame retardant, adhesive, chemically resistant, optically clear and fast cycling. Our technology crosses many industries and applications, including surface protection, power and fluid systems, sports and recreation, wearable devices, electronics and automotive. For more information, visit www.lubrizol.com/engineered-polymers or contact engineeredpolymers@lubrizol.com.

About The Lubrizol Corporation

The Lubrizol Corporation, a Berkshire Hathaway company, is a market-driven global company that combines complex, specialty chemicals to optimize the quality, performance and value of customers' products while

reducing their environmental impact. It is a leader at combining market insights with chemistry and application capabilities to deliver valuable solutions to customers in the global transportation, industrial and consumer markets. Lubrizol improves lives by acting as an essential partner in our customers' success, delivering efficiency, reliability or wellness to their end users. Technologies include lubricant additives for engine oils, driveline and other transportation-related fluids, industrial lubricants, as well as additives for gasoline and diesel fuel. In addition, Lubrizol makes ingredients and additives for home care, personal care and skin care products and specialty materials encompassing polymer and coatings technologies, along with polymer-based pharmaceutical and medical device solutions.

With headquarters in Wickliffe, Ohio, Lubrizol owns and operates manufacturing facilities in 17 countries, as well as sales and technical offices around the world. Founded in 1928, Lubrizol has approximately 8,700 employees worldwide. Revenues for 2018 were \$6.8 billion. For more information, visit Lubrizol.com.

**Recyclability is based on access to a readily available standard recycling program that supports such materials. Products may not be available in all areas.*

***Bio-based content as certified in accordance with ASTM D-6866.*

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