



Lubrizol Launches High-Crystalline, Toluene-free TPU For Adhesive Powders, Webs and Films

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CLEVELAND, July 27, 2017 - The Lubrizol Corporation's Engineered Polymers business announces the launch of a new Pearlbond™ thermoplastic polyurethane (TPU) grade for adhesive powders, webs and films: Pearlbond 1160L. Pearlbond 1160L complements Lubrizol Engineered Polymers' current high-crystalline offering for adhesive films and PVC co-extrusion.

Pearlbond 1160L is toluene-free (0 ppm) and can be converted into thermobonding films, webs and powder. It is a lightweight and environmentally friendly alternative to competing materials. With the addition of Pearlbond 1160L, Lubrizol now offers the choice of two solutions for adhesive formulators: high-melt strength Pearlbond 1160 and the new Pearlbond 1160L, which has a superior crystallization speed and higher wettability.

"Lubrizol offers a world-class portfolio of solvent-free polymers for hot melt adhesives. Pearlbond 1160L provides a gel-free, high-performing alternative that can be easily processed and offers new possibilities for stitch-free bonding and waterproofing adhesives in a variety of applications," states Jesus Santamaria, EMEA business director for Estane® Engineered Polymers.

About Lubrizol Engineered Polymers

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/engineeredpolymers 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 8,300 employees worldwide. Revenues for 2016 were \$6.5 billion. For more information, visit Lubrizol.com.

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

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

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