



**We Talk TPE!**

For Immediate Release

For: APS Elastomers  
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### **APS Elastomers Develops Proprietary TPU Polycaprolactone for Suspension and Drive Train Components**

Romulus, MI (**March 3, 2016**) One of the world's leaders in the polyurethane casting industry specializing in suspension and drive train components for automotive, light truck and off-road industries was looking for a thermoplastic elastomer (TPE) that could outlast and outperform the competition. Collaborating with their customer, APS Elastomers developed several proprietary TPE formulations with the proper mix of softness, strength, and durability needed for rigorous off-road applications; supplying polycaprolactone-based thermoplastic polyurethane (TPU) grades with good processability and compression set at elevated temperatures. With a Shore Hardness range of 80A – 64D, the Zythane® 3000 polycaprolactone series of TPEs was formulated for each specific application. "Our ability to custom compound enables us to meet or exceed our customer's expectations" says Stephane Morin, owner of APS Elastomers.

In addition to suspension and drive train components, the Zythane® 3000-series has been expanded to meet diverse demands of vigorous and high temperature industrial applications such as heavy-duty engineering equipment and hydraulic systems where working conditions range from -40°C to 130°C. Excellent wear resistance against oils, grease, water and extreme temperatures make them ideal for high performance injection molding of seals, gaskets, wheels and rollers. Available in pellet form for ultimate performance and efficiency, the polycaprolactone range has been broadened to include high flow and soft grades.

#### **About APS Elastomers**

APS Elastomers provides engineering service, technical support, and TPE materials (TPEs, TPVs, TPUs and other soft elastomers) for consumer and industrial applications. Company offerings have grown to include Maxelast® TPEs, Viprene® TPVs, Huntsman Polyurethanes' IROGRAN® and AVALON® TPUs, Zythane® TPUs, TPE alloys, compounding series, and custom and standard soft elastomer formulations.

For more information on how APS Elastomers can find cost-effective solutions, develop proprietary TPE formulations, and enhance your products faster and more efficiently, contact [info@apstpe.com](mailto:info@apstpe.com)

