



We Talk TPE!

For Immediate Release

For: Alliance Polymers & Services, LLC / DBA APS Elastomers
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Variety of Soft TPEs Available from APS Elastomers for Appliance Gaskets and Seals

Romulus, MI (January 17, 2014) APS Elastomers offers a variety of soft TPEs that are a cost-effective alternative to conventional thermoset rubbers typically used for extruded glazing gaskets and seals for refrigerators, dishwashers and other appliances.

Viprene® TPV P-series combines the various mechanical performance properties of thermoset rubber with the processing ease of plastics. These materials offer good flexibility at low temperatures as well as long-term resistance in harsh environments and demanding applications where abrasion, chemical, and UV resistance are required. Hardness ranges from 45 Shore A to 50 Shore D and are available in pellets of natural or black.

Maxelast® thermoplastic elastomers include two formulations targeted for gaskets and seals. They are offered as alternatives to thermoset rubber and TPVs and feature superior sealing performance at high temperatures (up to 212F / 100C).

APS Elastomers also offers a full range of TPUs that are formulated to withstand extreme temperature and offer good hydrolysis resistance and cold flexibility.

TPEs can be injection molded, extruded, co-extruded or co-molded. In addition to offering superior sealing performance at high temperatures, the new TPEs enable designers additional design parameters for applications including automotive/recreational, pipe, plumbing, appliance and packaging products as well as building materials and construction products. Special properties also enable gaskets and seals to be used in water treatment and chemical handling products.

These TPE lines are recyclable, have low compression set, exhibit excellent processability and colorability, have good chemical resistance, and offer better operational efficiency. Additional features of the TPEs include longer-term sealing performance as well as superior elongation, tear strength and tensile strength. As compared to black thermoset rubber, the new grades can be molded more quickly, and in a variety of colors.

APS Elastomers is an independent TPU, TPE, TPV, and other elastomer resource offering in-depth and high level customer service, sales, technical service, problem-solving, marketing insight, product development and other support to designers, marketers and processors. APS Elastomers also provides expedited shipment and full laboratory services.

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