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FOR IMMEDIATE RELEASE

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## **GLS INTERNATIONAL INTRODUCES NEW VERSAFLEX TPE ALLOY LINE AS IDEAL REPLACEMENT FOR SILICONE**

*Water-Clarity and Enhanced Heat Resistance Makes TPE Ideal for Infant Care, Toy, Tubing  
and Kitchenware Applications, Among Others*

**RILLAND, THE NETHERLANDS (DATE)** – Designers and molders of baby care, toy, tubing, kitchenware and dozens of other products now have a new material alternative to costly and limiting silicone compounds. Newly introduced, GLS VERSAFLEX® CL 2250 TPE (thermoplastic elastomer) alloys are engineered to meet the special concerns of product designers in numerous markets. Adding to the appeal of this new TPE alloys are their special properties that include water-clarity and enhanced heat resistance.

In the past, most TPEs fell short in terms of required performance; notably their inability to offer clarity and heat resistance for infant care and kitchenware products that require boiling and/or dishwasher resistance. These inadequacies prevented product designers and product manufacturers from considering TPEs for these higher performance applications, and most notably, for silicone replacement applications.

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This new TPE alloy line was developed as a direct response to industry requests worldwide for lower cost and more versatile TPE alternatives to high cost silicone. The new series is specifically engineered to overcome both silicone and other TPE shortfalls.

Specifically, the new VERSAFLEX CL 2250 TPE alloys are not only water-clear and offer enhanced heat resistance (excellent boil resistance), but additionally provide high bite and tear resistance characteristics, a prerequisite for many infant care and many medical products. Further, they are ideally suited for overmolding applications with polypropylene (PP) substrates.

The injection-moldable pellets, available in 42 and 50 Shore A hardness, are ideal for silicone material replacement and offer processors the ability to consolidate components through overmolding techniques, while reducing materials costs. In addition, no special equipment is required for processing these TPEs. The VERSAFLEX CL 2250 series features a low specific gravity and special ease of processing owing to their high melt flow properties.

GLS Corporation specializes in the manufacturer of application-specific, custom formulated soft and ultra-soft thermoplastic elastomers (TPEs) for injection molding and extrusion. GLS has supplied specialty TPEs to the industry since 1979, and is recognized as a global leader in TPE technology solutions. Specific products sold by GLS include proprietary DYNAFLEX® TPE compounds based on KRATON® polymers (available in injection molding and extrusion, as well as medical and FDA grades); VERSAFLEX® TPE specialty alloys (available in soft touch, lightweight, ultra-soft, ultra-clear and overmolding grades); VERSALLOY® TPV alloys; and VERSOLLAN™ TPU alloy compounds. GLS is also the exclusive distributor of KRATON® compounds and polymers for the compounding market in the United States, and also distributes KRATON compounds and polymers globally. Applications for these materials are found in consumer, medical, sports and leisure, automotive, lawn and garden, appliance, kitchen tool, power tool, personal care and industrial markets, among others.

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