

FOR IMMEDIATE RELEASE

FOR: GLS CORPORATION
833 Ridgeview Drive
McHenry, IL 60050-7050

EDITORIAL CONTACT: MARTIN THOMAS, INC.
Martin K. Pottle, APR
(401) 245-8500

**NEW VERSOLLAN TPU ALLOY GRADES FROM GLS
BRING SOFT TOUCH TOGETHER WITH
HIGH PERFORMANCE AND EASY PROCESSING**

McHENRY, IL (Date)– On the heels of introductions made by GLS Corporation about the company’s new Versollan™ TPE grades some months ago, GLS has introduced two new grades in their first of a kind Versollan RU (“*Rubberized Urethane*”) line of TPU alloys. The new grades combine a soft, flexible feel with both high performance properties and easy processing capability, a balance of properties not typically associated with TPUs. As with all Versollan TPE alloys, the grades are based on specialty thermoplastic polyurethane from BASF Corporation.

The two new grades, called Versollan RU 2204 and Versollan RU 2205, are some of the softest injection moldable TPU polymers or alloys available at 55 and 65 Shore A, respectively. The grades were designed to exhibit a “warm, rubbery” rather than a “cold, plasticity” feel. Their low Shore A not only provides a soft, ergonomic comfortable feel, but also can achieve vibration damping, noise reduction, and a non-slip surface, even when wet. The major benefit of the new Versollan RU line is the combination of these soft Shore A properties, along with durable end use performance properties and wide processing window the new grades also exhibit.

/more...

GLS – RU 2205 Grade Versollan...continued
Page 2

According to Walter Ripple, Director of Marketing at GLS, “ ‘soft touch’ has been a trend in consumer products for years, but typically performance properties are sacrificed the lower the Shore A hardness. The new Versollan RU grades offer significantly expanded design flexibility by exhibiting a balance of softness, durability, and ease to process,” he concludes.

The new alloys offer good elastomeric tensile properties such as tensile strength, tear strength, and most notably, excellent flexibility (low modulus/stiffness), that afford a designer the option to utilize a soft TPE in high performance applications. And, end use durability is exhibited with good oil and chemical resistance, as well as good scratch and mar resistance. Processors and converters will appreciate the ease at which RU 2204 and RU 2205 can be molded. The grades were formulated to have a wide temperature processing window and faster set up times (faster cycle times) relative to TPU polymer. And, they have high flow characteristics to fill complex part designs. RU 2204 and RU 2205 are available in natural and black, and the natural version is easily colored.

The new TPEs from GLS exhibit excellent overmold adhesion to polycarbonate (PC), and many PC blends such as PC/ABS, PC/PET, PC/PBT, as well as ABS and rigid TPUs. The grades can be insert overmolded or two-shot (2K) overmolded to impart a rubbery, soft touch feel and matte finish to the product, or to provide impact resistance for sensitive hand held electronic devices. And, as GLS is well known for, the company can custom develop a Versollan grade to specific customer requirements if a current grade does not meet the exact needs of the application.

The new Versollan RU grades are targeted for consumer product and industrial applications where a softer, more elastic and flexible material is desired, but where durability in end use properties are required. Ideal applications include soft, mar resistant furniture arm rests, grips, and handles; oil resistant, soft touch hand tools, power tools, and lawn/garden equipment; high performance, non-slip grips, handles and runner boards for sports equipment; and a variety of seals, gaskets, and tags, among others.

GLS Corporation has supplied elastomeric raw materials to the industry since 1979. The company has produced application-specific, custom TPE compounds since 1984. In the year 2001, the firm formed a strategic alliance with TPR manufacturer DSM. Later, in 2002, GLS entered into another alliance with

/more...

GLS – RU 2205 Grade Versollan...continued
Page 3

GE Plastics to market a new line of Softfx™ hard engineering resin/soft TPE overmold combinations. And, in the Fall of 2002, they developed a series of specialty rubberized TPU alloys to be sold under the VERSOLLAN™ trade name. Other GLS products offered for molding and extrusion include KRATON® thermoplastic rubber compounds; DYNAFLEX® thermoplastic elastomer compounds; VERSAFLEX® TPE alloys, and new generation VERSALLOY® elastomer alloys, which exhibit enhanced performance properties. Applications for these materials are found in medical, sports and leisure, automotive, lawn and garden, appliance, kitchen tool, power tool, personal care and industrial markets, among others.

For more information on the new “rubbery” feel and appearance Versollan elastomer alloy, contact: GLS Corporation, Marketing Department, 833 Ridgeview Drive, McHenry, IL 60050-7050.
Telephone: (815) 385-8500 or (800) 457-8777. Fax: (815) 385-8533. E-mail: info@glscorp.com
Web Site: www.glscorp.com

###

DYNAFLEX, VERSAFLEX and VERSALLOY are registered trademarks of GLS Corporation.
DYNAFLEX compounds contain KRATON Polymers.
KRATON is a registered trademark of KRATON Polymers U.S. LLC.
VERVALLOY – GLS Corporation alliance product.
VERSOLLAN is a trademark of GLS and contains BASF high performance thermoplastic urethanes.

GLS1133.032504