



ENSINGER

Washington, Pennsylvania, USA

Offering a broader array of engineering materials than any other plastics processor

Recognized as a worldwide leader in plastics processing technology and application development, Ensinger has the ability to combine the optimum material solution with the most suitable manufacturing method, and thus provides industry with the most innovative and cost effective engineering solutions available today. Ensinger designs and manufactures semi-finished and finished products tailored exactly to the customer's individual requirements. Your projects can benefit from Ensinger's vast knowledge base, and many years of experience in finding the best solutions for problems involving engineering thermoplastic materials.

Ensinger offers a broader array of engineering materials than any other plastics processor. From commodity materials such as polypropylene, polyethylene, acetal and nylon, to high performance resins such as TECAPEEK™ polyetheretherketone and TECATOR polyamide-imide, Ensinger has the ability to provide shapes and parts

for even the most difficult and challenging applications and environments.

Ensinger is constantly looking for ways to enhance its product offering. A most recent addition was the expansion of the TECAPEEK™ product line. TECAPEEK™ ST is a product developed in conjunction with Victrex® that exhibits better strength at higher temperatures than is currently achievable with standard unfilled PEEK®.

Ensinger is also continually adding to the variety of its standard products through the use of composites and fillers that are designed to enhance specific properties. An example is Ensinger's new TECAPEEK™ ELS nano, a PEEK® based polymer that has been modified with carbon nano-tube technology. These micro-fibers are 1/1,000 the size of conventional carbon fibers. Their small size and greater surface area combine to allow a significant increase in conductivity. This material's surface resistance is low

enough to place it in the conductive range of materials (10^1 to $10^3\Omega$).

Ensinger has also introduced a new material for the food industry; a metal detectable acetal called TECAFORM™ AH ID which contains additives that make the polymer visible to standard metal detection equipment currently in use in most food processing plants. This advancement in technology will reduce the risk of product contamination, and help minimize the possibility of significant financial loss.

In addition to this wide range of engineering material choices, Ensinger also provides a staff of extremely knowledgeable plastics professionals to help their customers make informed material choices and process decisions.

For further information, contact, ENSINGER, 365 Meadowlands Blvd., Washington, PA 15301 USA; (800) 243-3221, (724) 746-6050, fax (724) 746-9209, e-mail: bdickinson@ensinger-ind.com, www.shopforplastics.com.

Take a closer look at what **ENSINGER** has to offer

Manufacturer of:

- TECAFORM™ acetal
- TECAMID™ nylon
- TECAPEEK™ PEEK™

PEEK™=Victrex

Call for more Information 800-243-3221

