



## ***NEWS RELEASE***

### **DYNA-PURGE® ANNOUNCES NEW & IMPROVED DYNA-PURGE® M FOR SIGNIFICANTLY LESS SCRAP AND FASTER PURGING TIMES**

*Independent study demonstrates reduction in scrap by as much as 64% and lowered purging times by as much as 90% versus other purging products*

(February 2011) – The **Dyna-Purge® Division of Shuman Plastics, Inc.**, Depew (Buffalo), NY, USA has introduced the company's latest technology breakthrough -- New & Improved Dyna-Purge® M a versatile non-abrasive, non-chemical engineered thermoplastic purging compound, formulated to flow naturally through the barrel and hot runner system of the injection molding machine, as well as extrusion equipment. The new purging compound features enhanced cleaning power with two non-melting but softening ingredients that scrub, while a proprietary additive helps to remove contamination without leaving a residue.



Dyna-Purge® was first introduced into the marketplace over 30 years ago, and is the most widely used commercial purging compound in the plastics industry. New Dyna-Purge® M was developed as part of the company's continuous product innovation program and offers considerable savings over original Dyna-Purge® M as well as other purging products.

According to Nancy Mitchell, Dyna-Purge® Technical Product Manager, the enhanced formulation of New & Improved Dyna-Purge® M is proven to reduce material and scrap by up to 64% and lower purging time by up to 90% versus competitive purging products.

"An independent study on New & Improved Dyna-Purge® M demonstrates that it cleans faster and reduces scrap and reject rates, while only a small amount of the compound is required," she explained. "We have taken the leading purging compound used in plastics processing --original Dyna-Purge® M -- and made it even better to help our customer's further increase the efficiency of their operations."

The Dyna-Purge® division of Shuman Plastics, Inc. commissioned The Institute of Polymer Science and Polymer Engineering at The University of Akron to conduct an extensive independent study of New & Improved Dyna-Purge® M in January 2011. The study compared the new and improved purging compound to the original version, as well as to other common purging products used in the market. These included in-house resin (HDPE), mechanical (abrasive), chemical, and chemical/mechanical (hybrid). In each trial, New & Improved Dyna-Purge® M resulted in significantly less time and material. A copy of the independent study with complete results and trial protocol is available by visiting [www.dynapurge.com](http://www.dynapurge.com).



Kelli Ropach, Dyna-Purge® International Sales Manager, noted that customers currently using New & Improved Dyna-Purge® M are reporting results in line with the independent study and noting many distinct advantages.

"The new formulation is effective and safe to use in a broad range of applications, and a variety of customers have told us they are benefitting from the enhanced features," she said. "From faster changeovers to immediate scrap reduction to less purging compound required, New & Improved Dyna-Purge® M is delivering unparalleled performance."

Dyna-Purge® is sold in the UK and Ireland through our stocking Technical Distributor CJP Sales Ltd.

*Dyna-Purge is a Registered and Trade Marked product of Shuman Plastics Inc.*