

**New Powdered Internal Mold Release Aims to  
Replace Zinc Stearate In Polyester BMC and SMC**

Woodside, New York – Axel Plastics Research Laboratories, Inc. has developed a new internal mold release specifically for polyester bulk molding compounds (BMC) and sheet molding compounds (SMC). MoldWiz<sup>®</sup> INT-4082, is intended as a replacement for zinc stearate, the traditional internal mold release used in BMC and SMC formulations.

“Our goal with this product was to provide mold release properties equal to or better than zinc stearate, with a material that would not leave residue on the surface of molded parts as is often the case when zinc stearate is used. Preliminary reports indicate that INT-4082 can be loaded at lower additive levels, and thereby poses less of a problem from volatility of residual internal mold release in molded parts that are in service,” says Bill Burnham of Axel’s Technical Support Unit.

Axel is targeting INT-4082 powder to automotive and other discriminating molding applications where a non-fogging internal mold release that will not interfere with secondary processing is valued.

Axel is a 60-year-old, ISO 9001 registered company also offers over 600 process or resin specific process aid additives and external release agents under the trade names XTEND<sup>™</sup> and MoldWiz<sup>®</sup>. All of Axel's products are formulated from raw materials that comply with the chemical substance inventory lists of TOSCA, DSL, METI, EINECS, Australia and Korea. Customers are served both through direct sales and by a network of 32 stocking distributors serving 40 countries around the globe. Axel encourages request for evaluation samples by visiting the company’s web site at <http://www.axelplastics.com>.

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**New Powdered Internal Mold Release Aims ... cont'd**

For further information, samples, technical data sheets or for the name of a representative in your area, please contact Nancy Teufel at Axel, Box 77 0855, Woodside, New York 11377 (USA), toll free 800-332-Axel (2935) or 718-672-8300, email: [info@axelplast.com](mailto:info@axelplast.com).

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**Caption:**

New INT-4082 is aiding automotive lamp manufacturers and other polyster BMC and SMC products to produce a stronger, more durable fixture with an outstanding surface finish -- available from Axel Plastics Research Laboratories, Inc., USA.

*Electronic file available upon request, email [daiann@canonshea.com](mailto:daiann@canonshea.com) or call 212.564.8822*

