

MoldWiz® Process Aid Additive INT-34DLK
from Axel Eliminates Splay In Molding ABS Products

Woodside, NY, USA - A manufacturer of filtration units for swimming pools and industrial applications credits MoldWiz INT-34DLK, a process aid additive from Axel Plastics Research Laboratories, Inc. with helping eliminate splay that was occurring when molding large ABS parts.

Prior to using INT-34DLK, this manufacturer tried to remedy the surface defects by reducing injection speeds. "This seriously impacted productivity, but did not correct the problem," said Nancy Teufel, Axel Technical Support Manager. "In fact, a 20% reject rate as a consequence of the poor cosmetic appearance of molded parts was common."

By incorporating 0.3% of MoldWiz INT-34DLK in the ABS resin, splay was completely eliminated in the 17" (43cm.) diameter, 12.5 lb. (5.66 kg.) part. In addition, the manufacturer found that he was able to resume normal injection speed and still remain free from surface defects. The manufacturer was more than satisfied with the results of the molding trial, stating, "Many products in our industry overstate their value, but MoldWiz completely lived up to Axel's claims."

MoldWiz INT-34DLK is a proprietary formulation of synthetic resins, fatty glycerides and modified organic fatty acids; all of which are sanctioned USFDA 21CFR175.300 (safe for food contact). The process aid additive is available as a powder or a 100% active pellet. MoldWiz INT-34DLK is recommended for a variety of thermoplastic resins, including: PE, PP, ABS, and clear styrenics, as well as TPR, and SBR/NR. Processing enhancements attributed to MoldWiz INT-34DLK include, improved resin flow, better cosmetic appearance of molded parts and easy release from the mold cavity.

Axel is a 62-year-old, ISO 9001 registered company that offers over 600 process and resin specific process aid additives and mold releases under the trade names, MoldWiz® and XTEND™. 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 by direct sales and through a network of 32 stocking distributors in 40 countries. Axel encourages requests for evaluation samples by visiting the company's web site at <http://www.axelplastics.com>.

For further information, samples, technical data sheets, or the name of a representative in your area, please contact Nancy Teufel at Axel, Box 77 0855, Woodside, NY 11377 (USA), toll free (USA & Canada) 1-800-332-AXEL(2935) or 1-718-672-8300, e-mail:info@axelplast.com.

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Caption:

MoldWiz INT-34DLK is helping eliminate splay that was occurring when molding large ABS parts for filtration units for industrial/swimming pool applications. MoldWiz INT-34DLK is recommended for a variety of thermoplastic resins, including: PE, PP, ABS, and clear styrenics, as well as TPR, and SBR/NR. Improved resin flow, better cosmetic appearance of molded parts and easy release are key benefits available from this process aid additive, from Axel Plastics Research Laboratories, Inc., USA.

Electronic file available upon request, email daiann@canonshea.com or call 212.564.8822

