

Axel Plastics - Thermoplastics



Axel Plastics has been established since 1941 and are one of the leading and innovative manufacturers of release agents and process aids for the plastics industry.

The company based in New York is privately run by the Axel family, Jacob Axel, third generation is now the VP and Frank Axel remains as the President.

Founded in 2003, GenieChem was created with the sole purpose of addressing the needs of the plastics industry supplying speciality process aids and release agents.

As the business has grown and expanded over recent years, we have diversified into many different industries but still try to focus on speciality products.

Our focus is to work with our customers openly, honestly and closely to help make their business successful.

www.geniechem.com

Thermoplastic

Axel has developed over many years internal process aids for all types of Thermoplastics and these are promoted under the trade name MoldWiz®. These products offer many benefits over conventional process aids and slip additives such as:

- Reduced cycle times (on average 20%)
- Increase the MFI / reduce resin viscosity
- Reduced cooling times
- Reduction in moulding temperatures, which in turn reduces gassing
- Easy mould release
- Anti Static properties
- No affect on clarity in polymers such as GPPS and PC
- Improved dispersion of filler & colour
- Improved dimensional stability of polymer, especially PP
- Easier cavity fill
- Reduced stress marks
- Reduced flow lines
- Eliminates plate out

- Reduced die build up
- Excellent in increasing regrind addition levels

The above benefits can be achieved at levels as low as 0.15% upto 0.5% on average. Our products come in either powder, 100% active pellet or liquid form and can be incorporated into the Masterbatch, compound or mixed with the polymer at the processor. Most grades are available in FDA versions. GenieChem has 18 years experience with these products and are happy to run trials at the customer's premises.

Our products work in all types of polymers from Hytrel, PP, PA6, Acetal, PE, PC/ABS, PC etc.

Samples and information are free of charge so please feel free to contact us with any enquiry you may have.

