

## RheoPower Software Package version 4.0

TomCoat launches new RheoPower software version 4.0 consisting RheoAnalyzer and RheoDeveloper programs and database architecture, which is now available with a lot of used Microsoft SQL Server. This allows RheoPower LIMS (Laboratory Information Management System) to seamlessly fit into any laboratory environment. Easy integration to 3rd party instruments and systems.

### RheoPower Software Package

The RheoPower chemometrics software package is the fastest way to analyze and to simulate polymer structure and flows. It accelerates your material development and design of polymerization, extrusion, injection moulding processes down to microstructure analyzes. By RheoPower you do not get only MWD (Molecular Weight Distribution), but modelled different type polymer flows even impossible to measure as wide viscosity, relaxation modulus and spectrum, elongation viscosity and transient viscosity curves.

### What is background

Control Theory principle was used from ancient times to the present modern technology, but for some reason not earlier in rheology. Principle is well described in Mathematics. Our linear viscoelastic model starts from the dimensions of statistical chain tube. Another introduced Melt Calibration with RED (Rheologically Effective Distribution) has similarities with the chromatography elugram as with GPC/SEC. The background was published very recently at high valuated and prestigious scientific journals.

### Our Mission

For decades it was hoped that linear relations would be found between polymer structure and properties. Our mission was to develop new polymer technologies for manufacturing industry based on the actual relations between structure and properties. Another target was to get easy to use software package for analyses and simulations. Finally, the long period puzzle has got the solution.

### For more information on this press release, contact:

Tommi Borg  
TomCoat Oy  
Koskisenkuja 11  
FIN-62500 Evijärvi  
Email: [tommi.borg@tomcoat.com](mailto:tommi.borg@tomcoat.com)  
<http://www.tomcoat.com>