

RheoPower

High productivity software package for materials

100-Word Description

For material analyses and development work is created comprehensive and productive RheoPower software family. Molecule Weight Distribution (MWD) is computed directly from viscoelastic measurements. Moreover you get wide range accurate fit for viscosity, relaxation modulus and spectrum. All this is possible by new and simple linear differential constitutive formula, modern computer and RheoPower. With software package is wide database and several programs; by RheoAnalyzer is extracted and detected structures known but not measured before, by RheoDeveloper is designed polymerization, extrusion, injection and other processes. The best proof of the principle is computation results, although new theory is simple. RheoAnalyzer models viscosity flow curves fifty to hundred times or more accurate compared other known models.

50-Word Description

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25-Word Description

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