

Rheology is the study of the deformation and flow of matter. These two parameters, deformation and flow, are the properties of most importance in the commercial processing of most polymeric and indeed, most non-polymeric materials. Without an understanding of a given material's flow characteristics or simply defined, Viscosity, it is difficult to achieve and more importantly, maintain, optimum process control, which is directly related to profit margins through achieving maximum production rates and quality reproducible product.

Gammadot has nearly two decades of experience providing rheology and materials characterisation support to the plastics and rubber industries. From applying rheology to quality control, failure analysis and process optimisation issues, to providing accurate materials property data for flow simulation software packages such as Moldflow & Sigmasoft 3D, Gammadot is able to offer you a variety of standard and custom solutions to all your flow and thermal properties requirements.

Using Rheology To Resolve:



Capillary Rheometry







Rotational Rheometry



Brookfield Viscometry



Cure Rheometry

-  **Batch To Batch Variation**
-  **Out of Spec. Materials**
-  **Processing Problems**
-  **Product Failure**



If you would like to discuss any aspect of our rheology services in more detail, please contact Mark Edwards at Gammadot by Telephone on: +44 (0)1939 291677 or email: medwards@gammadot.com or simply fill in the applicable sections below and fax back this form.

FAX BACK: +44 (0)5600 753945 FAO: Mark C. Edwards

Name:.....

Title:.....

Email:.....

Telephone:..... Fax:.....

Company:.....

Address:.....

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