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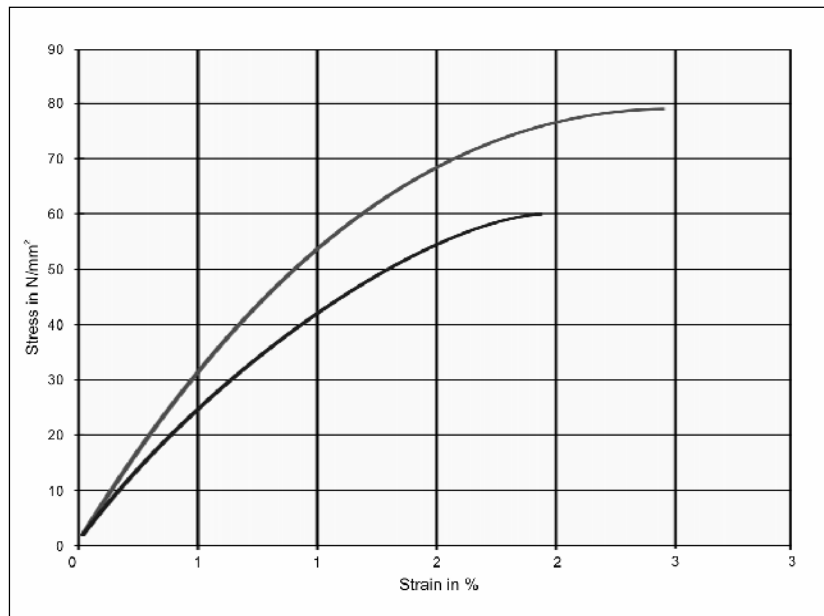
Anisotropic Material Data for CAMPUS

Recent evaluations show that CAMPUS is not only used for material selection but also as a source for part design and CAE **simulations**. Acknowledged specialists confirm that most design data needed is already covered by CAMPUS. The only drawback is the missing information about the influence of **flow induced anisotropies**.

In order to improve this situation a CAMPUS **work group** has been set up, whose task is to generate a procedure and test standards for the measurement of reliable and comparable anisotropic material properties.

It can be expected that the results of this project will finally become international **standards**, binding for the whole industry.

In order to reach broad acceptance for the new procedures, all CAMPUS participants are invited to take part in this decision making process and will be kept informed about the development, resulting in a **lead time** compared to the market. This is another example how CAMPUS participation



Typical Stress-Strain Diagram for an Anisotropic, Glass Reinforced Material

generates **advantages** for progressive resin suppliers.

In addition, an information exchange process with end users of the data and suppliers of simulation software will be initiated to make sure that new trends in the simulation field will be detected and new software products and

simulation methods can be supported with the best available qualified material data.

Companies who are interested in this information exchange and cooperation with the work group may contact M-Base for further details.

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