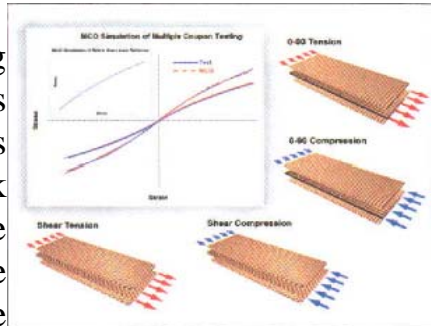


## New Products & Literature

### Testing software

**Alpha Star** (Long Beach, Calif.) has pack-aged its Virtual Crack Closure Technique and Discrete Cohesive Zone



Model (VCCT/DCZM) capabilities with its new Material Characterization Optimization (MCO) modules, which have been to the GENOA GENOA-NWO 4.0 virtual testing modular software. ACCT and DCZM are fracture mechanics-based approaches for progressive crack growth analysis. Both are based on nodal displacements and nodal forces and can identify crack propagation mechanisms in composites. The new software is an integrated material characterization and optimization package, designed for use in short and long fiber applications. It can be used to replicate stress-strain curves for short-fiber applications; develop/validate standards for materials coupon testing; simulate material tests; and identify fabrication process variables that maximize material performance.

[alphastarcorp.gocomp.biz/5](http://alphastarcorp.gocomp.biz/5)