

# ADVANCED FUNCTIONAL MATERIALS

## GRAPHENE OXIDE

The formation of liquid crystalline graphene oxide dispersions by J. M. Razal, G. G. Wallace, and co-workers enables the production of fibers and yarns with excellent mechanical properties as well as high thermal and electrical conductivities. On page 5345, the dispersions are shown to be amenable to a range of solution-based processing methods to create graphene-based architectures.