

Solid-state polyimide foaming from powder precursors.

Camilo I. Cano and R. Byron Pipes

*Department of Polymer Engineering, University of Akron.
Polymer Engineering Academic Center, Akron, OH 44325-0301.*

Solid-state foaming of polyimide powder precursors is studied by examining concurrent and competitive phenomena that determine the morphology and physical properties of the foam unit cell. Effects of particle size and shape on bubble growth will be addressed.