Contents

Vol. 239, No. 4 January 2009

FEATURES

14 Tech Service: REACH requirements on articles

by Sheri L. Blystone, Honeywell Specialty Materials. REACH requirements for substances that require registration or notification are discussed.

19 Process Machinery: Baghouse dust collection

by Kristine Graham and Joseph Anderson, Donaldson Torit. Breakthrough dust collectors and filters eliminate large, labor-intensive baghouses.

21 AEM extrusion process

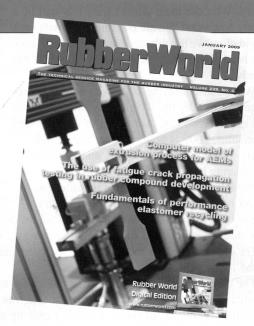
by E. McBride and C.S. Grant, DuPont Performance Elastomers, and B.A. Morris, DuPont. Rheology testing and computer simulation optimize the extrusion process for AEM compounds.

28 Fatigue crack propagation testing

by James R. Halladay and Frank J. Krakowski, Lord. An FCP test based on fracture mechanics is effective for comparing crack growth behavior when developing new rubber compounds for dynamic applications.

Departments

- 4 Editorial
- 5 Mailbag
- **6 Business Briefs**
- 10 Market Focus
- 12 Patent News
- 63 Meetings
- 70 Suppliers Showcase
- 73 People in the News
- 75 Literature



Cover photo: Courtesy of Instron.

32 Performance elastomer recycling

by James A. Shell, FRS. A recycling technology for FKM and other higher value polymers enables substantial cost savings with minimal technical effects.

38 Instrumentation and test labs directories

Digital Edition Content

See the January digital edition of Rubber World for additional content not found in the print edition

- More U.S. patents
- Expanded business news
- Expanded equipment information
- Expanded instrumentation information
- Expanded materials information
- Expanded literature selection

Visit: rubberworld.com