

RubberWorld

THE TECHNICAL SERVICE MAGAZINE FOR THE RUBBER INDUSTRY VOLUME 247, No. 2



Synthetic latices in surgical gloves

Natural rubber-silica combinations for low rolling resistance truck tire treads

Re-refined oil in dynamic NR compounds

INTERNATIONAL RUBBER EXPO

INTERNATIONAL RUBBER EXPO

#BXNVSDH *****CAR-RT LOT#B-083
 #RUB1063637 5#
 037/160
 ERSCO ORDER #B9263873
 INST NAC DE TECHN INDUST
 PO BOX 830470
 BIRMINGHAM AL 35283-0470
 000278
 940284
 30

Show Daily
Post Show Issue

Expansion of Rubber Expo to Include Advanced Materials in Health Care Succeeds in Cleveland

The Rubber Division of the American Chemical Society (ACS) announced that the 2012 International Rubber Expo, held in Cleveland, Ohio, was a success. The show featured a wide range of products and services, including a new section for advanced materials in health care. The show was held at the Sheraton Hotel and was attended by over 1,000 industry professionals. The show was a great success and was well-received by the industry.

INSIDE: Rubber Division Post Show Daily 2012 Page 39

FEATURES

18 A review of synthetic latices in surgical gloves

by Bert Krutzer, Marianne Ros, Joris Smit and Wouter de Jong, Kraton Polymers. A comparative study is presented on commercially available surgical gloves made of various base materials. Mechanical properties evaluated include tensile strength, modulus and puncture resistance.

26 NR-silica combinations for low rolling resistance truck tire treads

by S. Salina Sarkawi, University of Twente and Malaysian Rubber Board, and Wilma K. Dierkes and Jacques W.M. Nordermeer, University of Twente. Influence of non-rubber constituents in natural rubber, particularly proteins on silica reinforced compounds in the presence and absence of coupling agent, is studied by the authors.

33 Re-refined oil in dynamic NR compounds

by P.S. Bhattacharya, Bony Polymers. Use of renewed raw materials (such as re-refined oil) in rubber compounds is becoming a growing trend, and here the author presents a study on replacing existing rubber process oil (naphthenic type) with re-refined oil in different engine mount recipes.



39 Show Daily - Post Rubber Expo Issue

Published for the Rubber Division, ACS, by Lippincott & Peto, Inc., this follow-up to the International Rubber Expo, 182nd Technical Meeting & Educational Symposium, held October 9-11 in Cincinnati, OH, includes photographs and summaries of meeting events, including Rubber Division award winners, exhibitors, poster session participants, and more

DEPARTMENTS

- 4 Editorial
- 6 Business Briefs
- 10 Market Focus
- 12 Patent News
- 16 Silicone/Medical Update
- 17 The Rubber Economist
- 59 Meetings
- 66 Suppliers Showcase
- 71 People in the News

Digital Edition Content

See the November 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