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Utilizing coagents in the electron beam cure of elastomers

Innovative stabilization packages for thermoplastic polyurethane

Advances in TPE SBC compounding for UL flame retardant cable applications

Rubber Division meets in Pittsburgh for 176th Technical Meeting and Rubber Expo

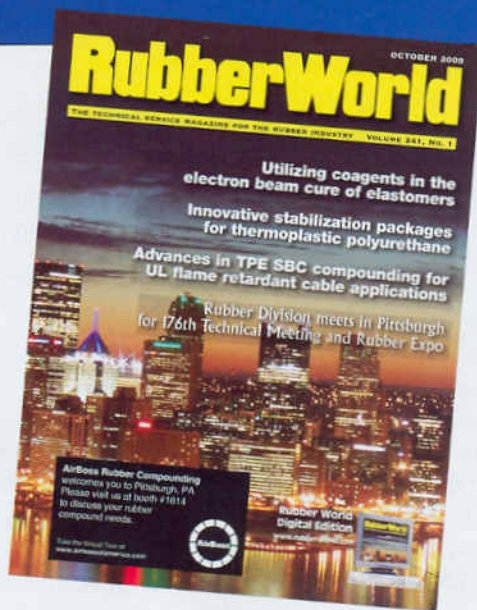
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by Eric Bishop, Shin-Etsu Silicones of America. Select-Hesive LIMS products save time and the cost of pre-treatment in overmolding systems.
- 22 Process Machinery: Vision system improves part quality**
by Jennifer L. Merredew, Cognex. Mold monitoring utilizing the In-Sight vision system prevents injection molding tool damage and improves part quality.
- 26 Stabilization packages for thermoplastic PU**
by Cinzia Tartarini, Kerstin Schrunner and K-H. Hornbach, Ciba. The light stabilizer Tinuvin PUR 866 confers to TPU excellent initial color and improved color retention upon light exposure.
- 34 Advances in TPE SBC compounding for cables**
by Bing-Lin Lee, Darnell Worley, Phil Scadding, Ben Jones, Sachin Sakhalkar and Wilfred Giroux, Teknor Apex. A series of high performance RoHS compliant flame retardant TPE-S compounds has been developed for cable applications.



- 38 Utilizing coagents in the electron beam cure of elastomers**
by William M. Boye, Sartomer. Through judicious selection of coagents, taking into account the reactivity, the number of reactive groups (functionality) and solubility of the coagent in the elastomer, crosslink density can be tuned to achieve targeted physical properties.

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