

RubberWorld

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Custom Mixing 2011

High-performance latex with ultra low levels of antigenic protein

Substitution of plasticizers in NBR vulcanizate with cashew nut shell oil

Matching laser cutting technology to application requirements

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FEATURES

14 **Process Machinery: Technical Guide: How to match today's laser cutting technology to application requirements**

by Mike Bacon, Spartans. Continuing improvements in best-in-class laser cutting technology have not only made incorporation of laser cutting into flexo print operations a reality, but also allowed the combination of digital printing with digital cutting (a.k.a. laser cutting) to bring more variable data products into the world at highly competitive prices.

20 **Cost-effective substitution of plasticizers in nitrile butadiene rubber vulcanizate with cashew nut shell oil**

by Ratan Singh and P.S. Bhattacharya, Bony Polymers. Effects of cashew nut shell oil, used as a substitute for existing plasticizers, on NBR vulcanizates were studied by the authors, with special attention being paid to oil and fuel aged properties.

26 **Manufacturing of latex with low levels of antigenic protein**

by William R. Doyle, Vistar. Vytex natural rubber latex, a multi-patented process that physically removes non-rubbers from liquid latex, is examined.

34 **Custom mixing and services directories**



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