

Technical articles

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Mineral kaolin for rubber reinforcement 182

This study measured the effect of reduced chemicals on the cure and mechanical properties of an EDPM rubber reinforced with an increasing loading of a mineral kaolin filler. The filler was pre-treated with a mercaptosilane to improve its dispersion in the rubber.

I. YARZABAL

TBP as a nitrosamine-free alternative to OTOS in natural rubber compounds..... 188

Due to its toxicity the curing additive OTOS will have to be replaced. A t-butyl-phenol disulfide based polymer, TBP could be a viable replacement for OTOS in natural rubber compounds.

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