

Eastman G™ maleated polyolefins

Superior coupling additives for fire-retardant polyolefin composites

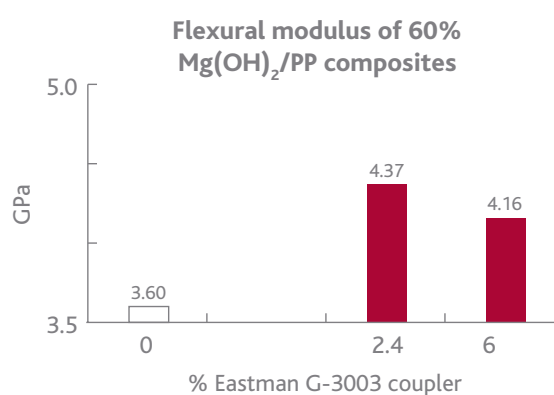
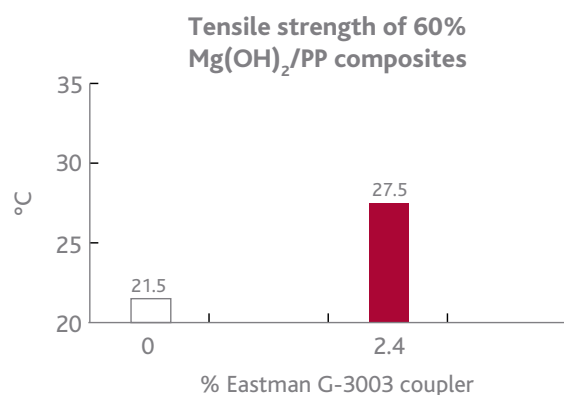
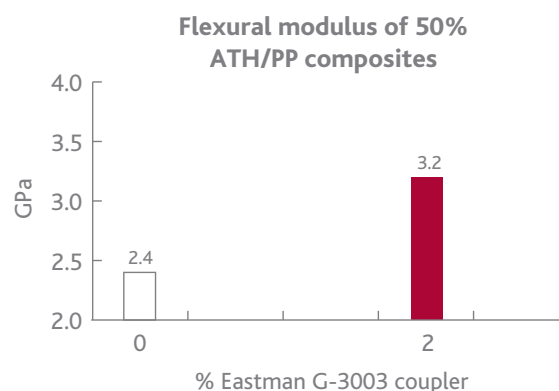
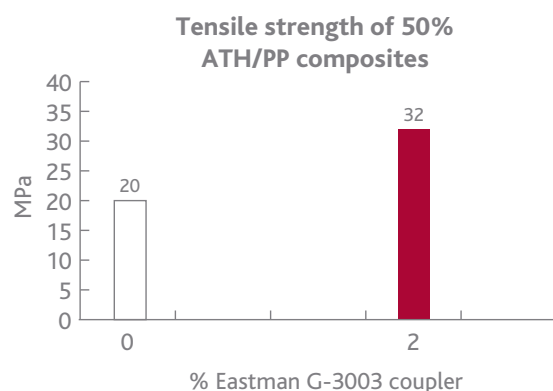
Halogenated flame retardants are gradually being replaced in many thermoplastic flame-retardant composites. Newer flame retardants, such as aluminum trihydrate (ATH) and magnesium hydroxide ($\text{Mg}(\text{OH})_2$) must be present at much higher levels (40%–60% by weight) in polyolefin composites to be effective.

Eastman G maleic-grafted polyolefins can serve as processing aids and coupling agents in highly filled flame-retardant composites. The addition of low levels

(1%–6%) of Eastman G polymers results in substantial improvements in tensile strength and other physical properties of highly filled polyolefin composites.

Eastman G-3003 polymer is available in 50 lb (22.7 kg) bags or 1,000 lb (453.6 kg) boxes. Bulk bag packaging is available on a made-to-order basis.

Data for flame-retardant polyolefin composites



□ Control ■ Eastman G-3003

Eastman G™ polymers are products of Eastman and are protected under one or more of the following U.S. patents: 5,955,547; 6,046,279; 7,408,007; 7,683,134; and their foreign equivalents.



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