

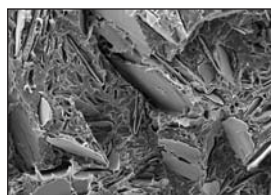
Eastman G Maleated Polyolefins

Superior Coupling Additives for Mica Reinforcement

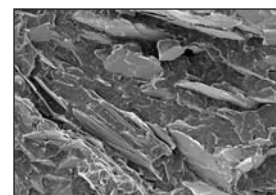
Eastman G-3003 and Eastman G-3015 polymers are maleic anhydride-grafted polypropylenes with a balance of functionality and molecular weight designed to couple fiber and mineral fillers to polypropylene. Evaluations at Eastman laboratories have shown that maleated polypropylenes with higher levels of maleic functionality (>1.2% maleic) are superior coupling additives for mica/PP composites.

Tests have further confirmed that *lower-cost, untreated mica* can be coupled to provide reinforcement properties equal to silane-treated mica. The higher acid number maleated couplers are effective at very low levels (1%–2% based on mica level).

Eastman G-3003 and Eastman G-3015 are available in 50 lb (22.7 kg) bags or 1,000 lb (453.6 kg) boxes. Bulk bag packaging or powder form is also available on a made-to-order basis.

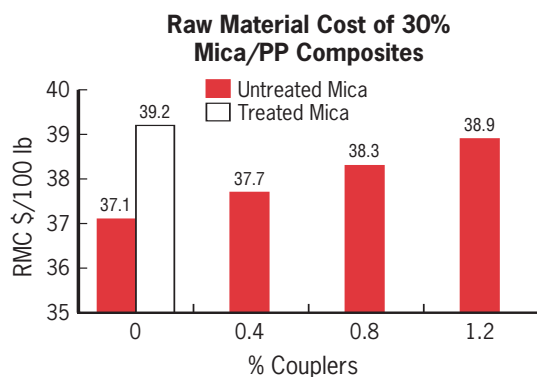
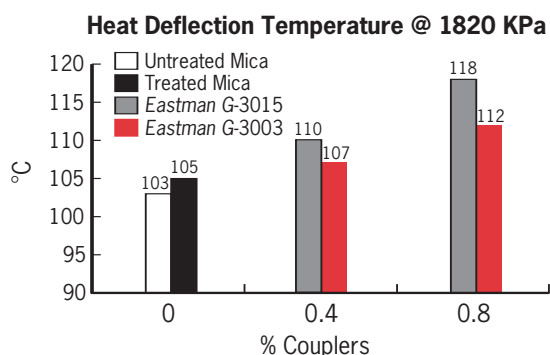
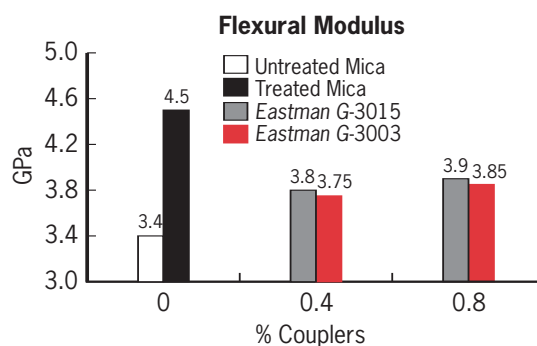
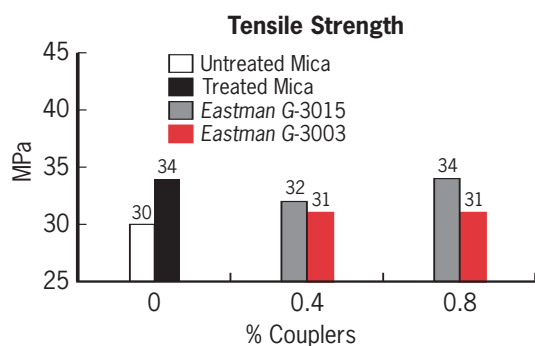


40% Mica/PP



40% Mica/PP/Eastman

Physical Data for 40% Mica/PP Composites





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