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Development of Rubber/Graphene Composite

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Abstract: The preparation method of graphene was briefly introduced and development status of rubber/graphene composites, such as natural rubber, butadiene styrene rubber, nitrile rubber, ethylene propylene rubber, fluoro rubber, butadiene rubber and butyl rubber, was summarized. Rubber/graphene composites had superior physical properties, electrical conductivity, thermal conductive property, air-tightness and thermal stability. However, the high cost and low efficiency of graphene manufacturing restricted its development. It was recommended that graphene was used with other common fillers together.

Key words: graphene; rubber; composite; electrical conductivity; thermal conductive property

玲珑轮胎拟投资14.86亿元在泰国建设 年产400万套高性能轮胎项目

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2018年3月12日, 山东玲珑轮胎股份有限公司发布公告, 拟启动玲珑国际轮胎(泰国)有限公司三期项目。该项目总投资14.86亿元建设年产400

万套高性能轮胎, 包括300万套半钢子午线轮胎、60万套全钢子午线轮胎、36万套高性能拖车轮胎和4万套特种轮胎的项目, 计划于2018年3月开始建设, 到2019年8月底竣工。项目建成投产后, 预计新增年销售收入17.44亿元, 年利润总额4.55亿元, 年净利润3.64亿元。

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