

### 3 结论

(1) 在斜交轮胎胎面胶和半钢子午线轮胎胎面胶中, 与生产配方胶料相比, 添加均匀剂A78的试验配方胶料门尼粘度较小, 加工性能较好, 硫化特性和物理性能差异不大, 炭黑分散性提高, 耐磨

性能明显提高。

(2) 添加均匀剂A78的试验配方胶料挤出速度提高, 挤出温度降低, 无破边, 气孔少。

(3) 用添加均匀剂A78的试验配方胶料制备的成品轮胎耐磨性能有所提高。

## Application of Homogenizing Agent A78 in Tire Tread Compound

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**Abstract:** The application of homogenizing agent A78 in the tread compounds of bias tire and semi-steel radial tire was investigated. Compared with original compound, the Mooney viscosity of the compound with A78 was lower, the processability was better, the curing characteristics and physical properties were similar, the carbon black dispersion was better, the abrasion resistance was improved, the extrusion speed was higher, the extrusion temperature could be lowered, and the extruded product had less defects such as broken edges and pores. For the finished tires, the abrasion resistance was improved.

**Keywords:** homogenizing agent; tread compound; bias tire; semi-steel radial tire; dispersion; abrasion resistance

### 信息·资讯

#### 印度菲利普公司帕莱杰炭黑厂停产改造

按照印度古吉拉特邦污染控制委员会的命令, 印度菲利普炭黑有限公司设在帕莱杰 (Palej) 的炭黑装置停产并进行升级改造,

达到环境监管部门的要求后才能开始运营。菲利普炭黑公司承诺积极遵守环境法的各项规定, 实现工厂与周边环境的可持续发展。 朱永康

#### 建大公司推出绿色轮胎新系列

台湾建大工业股份有限公司日前推出一款新型乘用车轮胎——KR 30轮胎。

该款轮胎设计着重于减小燃油消耗。凭借独特的材料技术, 可减少轮胎材料碳分子之间的摩擦, 降低生热, 从而减小燃油消耗和滚动

阻力。在轮胎的使用寿命期间汽车的二氧化碳排放量可减小6 t, 相当于500棵树1年所吸收的二氧化碳量。

与建大公司KR26轮胎相比, KR 30轮胎独特的低噪声花纹结构使其噪声大大降低。艾迪