

接地性能差异较大。

(2) 在其它施工条件不变时, 零度带束结构的无内胎全钢载重子午线轮胎肩部接地压力较小, 接地性能较好, 耐久性能好, 抗冠部爆破性能、速

度性能和通过性能佳; 4层带束结构无内胎全钢载重子午线轮胎接地印痕趋于矩形, 平均接地压力较小, 肩部接地压力较大, 耐磨性能、操控性能、胎圈耐久性能和安全性能好。

## Influence of Belt Structure on the Ground Contact Properties of TBR Tire

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**Abstract:** The influence of belt structure on the ground contact properties of TBR tire was studied by taking 295/75R22.5 18PR tire as an example. When the tire profile was the same, the ground contact properties of the tire with different belt structure could be significantly different. The experimental results showed that, with the belt structure of 3 belt layers plus one layer of 0° belt, the contact pressure on the tire shoulder was lower, the tire durability was better, the blasting resistance of tire crown, the speed performance and track performance of the tire were better. On the other side, with the structure of 4 regular belt layers, the tire footprint shape was rectangular, the average contact pressure was lower, the contact pressure on the tire shoulder was high, and the wear resistance of the tire, operation performance, bead endurance and driving safety were better.

**Keywords:** TBR tire; belt structure; contact pressure; footprint; durability



### 信息·资讯

## 瑞士公司赢得朗盛在华建设项目合同

瑞士福斯特·韦勒公司 (Foster Wheeler AG) 的子公司已赢得朗盛 (中国) 常州有限公司一个大项目的工程设计、采购和施工管理合同。该项目是在常州扬子江工业园内新建一家三元乙丙橡胶厂。福斯特·韦勒公司目前正在为该项目进行前期工程设计。

这家新工厂三元乙丙橡胶年产能设计为16万t, 预计2015年投产。据称, 这家新工厂将是世界上最大的三元乙丙橡胶工厂, 该项目是迄今为止朗盛在华最大的投资项目。 谢立