

从表4可以看出:高速试验后,B和C品牌轮胎的破坏形式均为胎肩脱层;G和D品牌轮胎的破坏形式均为胎冠脱层;与B,C,G品牌轮胎相比,D品牌轮胎累计行驶时间大幅延长。

5 结语

12R22.5无内胎全钢载重子午线轮胎生产工艺稳定,成品轮胎充气外缘尺寸、强度性能、耐久性能和高速性能均达到国家标准和企业标准要求。

求。轮胎在道路试验中的使用效果良好。

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Design of 12R22.5 Truck and Bus Radial Tire

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Abstract: The design on 12R22.5 truck and bus radial tire was described. In the structure design, the following parameters were taken: overall diameter 1 082 mm, cross-sectional width 293 mm, width of running surface 248 mm, arc height of running surface 8.3 mm, bead diameter at rim seat 570 mm, bead width at rim seat 228 mm, maximum width position of cross-section (H_1/H_2) 0.919 8, ordinary pattern with longitudinal pattern groove for tread pattern, pattern depth 18 mm, and block/total ratio 72.8%. In the construction design, the following processes were taken: two-formula and three-piece tread, 0.25+6+12×0.225HT steel cord for carcass ply, 3×0.20+6×0.35HT steel cord for 1[#]—2[#] belts, 5×0.30HI steel cord for 3[#] belt, and 3×7×0.22HE steel cord for 0° belt. The safety factors of carcass ply and bead were both above 7. Single-stage two drum building machine was used to build tire and dual-mold press was used to cure tire. It was confirmed by the tests of the finished tire that, the inflated peripheral dimension, strength, endurance and high speed performance met the requirements of the design and national standards. The endurance and high speed performance of the designed tire were better than those of the contrast tires.

Key words: truck and bus radial tire; structure design; construction design; endurance performance; high speed performance

《绿色鞋用材料 限量物质要求》入选工信部 2018年团体标准应用示范项目

为贯彻落实《中华人民共和国标准化法》的要求,大力培育发展团体标准,支持团体标准的推广应用,2018年12月13日,工业和信息化部公布2018年团体标准应用示范项目名单。包括《绿色鞋用材料 限量物质要求》在内的102项团体标准入选。

《绿色鞋用材料 限量物质要求》系列团体标准包括5个标准,标准编号为T/CRIA 17001.1~5—2017,由中国橡胶工业协会于2017年6月发布,自2017年10月1日起实施。

该标准主要关注有毒有害限量物质要求,对鞋材进行了分类,分别对鞋底、橡塑部件、胶粘剂、鞋帮、金属附件等提出了限量物质要求,更适合胶鞋用原辅材料的质量控制。

(本刊编辑部)