

mm、压块速度为 $50\text{ mm} \cdot \text{min}^{-1}$ 条件下,轮胎的脱圈阻力为 $12\,132.1\text{ N}$,满足国家标准要求($>11\,120\text{ N}$)。

5 结语

215/45ZR17 91W漂移赛车子午线轮胎的充

气外缘尺寸、强度性能、高速性能、低气压耐久性能和脱圈阻力均符合相应设计及企业和国家标准的要求,各项性能满足客户要求。该产品的开发成功促进了公司技术水平与经济效益的提高。

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Design on 215/45ZR17 91W Drift Racing Radial Tire

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Abstract: The design on 215/45ZR17 91W drift racing radial tire was described. In the structure design, the following parameters were taken: overall diameter 623 mm, cross-sectional width 230 mm, width of running surface 192 mm, arc height of running surface 7.3 mm, bead diameter at rim seat 435.1 mm, bead width at rim seat 208 mm, maximum width position of cross-section (H_1/H_2) 1.01, symmetrical pattern design, pattern depth 7.8 mm, block/total ratio 64%, and number of pattern pitches 58. In the construction design, the following processes were taken: using tri-extruded tread, using $3 \times 0.30\text{ ST}$ steel cord for belt, 2 layers of 1100dtex/2-100 polyester dipped cord for carcass, using two-stage building machine to build tires, and hydraulic press to cure tires. It was confirmed by the finished tire test that, the inflated peripheral dimension, strength, high speed performance, low pressure durability and bead unseating resistance met the corresponding requirements of the design, enterprise standards and national standards.

Key words: racing radial tire; structure design; construction design

YC橡胶延长Duraturn全钢载重 子午线轮胎胎体质保期限

美国《现代轮胎经销商》(www.moderntiredealer.com)2018年11月1日报道:

YC橡胶公司(北美)有限责任公司在2018年特种设备市场协会(SEMA)展上宣布,将Duraturn全钢载重子午线(TBR)轮胎(见图1)胎体质保期限延长到6年和2次翻新,比之前的5年和1次翻新有所提高。

“Duraturn TBR轮胎在北美已经成功销售多年,并且在车队和经营者中赢得了良好的质量声誉,”公司副总裁Ken Coltrane说,“我们很高兴改进保修服务,以便更好地反映Duraturn TBR轮胎的质量信誉。”

Duraturn TBR产品系列包括17种产品,用于长途运输、区域运输和混合服务领域。例如其通过SmartWay认证的DD10驱动轮胎,特点是开放的



图1 Duraturn TBR轮胎

肩部胎面设计提供最佳的牵引性能,19.8 mm (25/32英寸)的花纹深度提供长行驶里程。

Duraturn TBR轮胎以及轿车轮胎、轻型载重轮胎和特种拖车轮胎由YC橡胶公司制造,由总部位于加利福尼亚州帕萨迪纳的YC橡胶公司(北美)负责在美国销售。

(赵敏摘译 吴秀兰校)