

5 结语

6.70—15 6PR I-1 农业轮胎充气外缘尺寸、物理性能和帘线性能达到客户和相关标准要求。该规格轮胎在批量生产过程中工艺稳定、外观质量缺陷少,产品投放市场后,用户反馈轮胎外形美观,牵引性能、耐磨性能和抗刺扎性能以及自洁性能良好,为公司创造了较好的经济和社会效益。

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Design of 6.70—15 6PR I-1 Agriculture Tire

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Abstract: A design of 6.70—15 6PR I-1 agriculture tire was described. In the structure design, the following parameters were taken: overall diameter 695 mm, cross-sectional width 159.5 mm, width of running surface 134 mm, height of running surface 9.4 mm, bead diameter at rim seat 380 mm, bead width at rim seat 114.5 mm, maximum width position of cross-section (H_1/H_2) 0.95, pattern depth 4.8 mm, block/total ratio 77.9%, and total number of pitches 25. In the construction design, the following processes were taken: one formula and one piece tread was applied; 4 layers of 1400dtex/2V₂ dipped nylon 6 cord were chosen for carcass ply; Φ 1 mm tempering bead wire was used; and using the semi-core drum type building machine to build tires and curing press to cure tires. It was confirmed by the tests of the finished tire that, the peripheral dimension and physical properties met the requirements of users and relative standards.

Key words: agriculture tire; structure design; construction design

东洋导向轮胎获 SmartWay 认证

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美国《现代轮胎经销商》(www.moderntire-dealer.com)2014年3月26日报道:

东洋轮胎美国公司的 M144 区域导向轮胎(见图 1)满足美国环境保护署低滚动阻力要求,获得 SmartWay 认证。



图 1 M144 区域导向轮胎

M144 轮胎现有 4 个规格: H 级 295/80R22.5、J 级 305/70R22.5 以及 L 级 305/70R22.5 和 315/80R22.5。

M144 轮胎采用东洋公司的 e-balance 技术,具有较强的竞争力和低单位里程成本。优化的胎体结构提供较好的翻新性能,有助于降低总运营成本,东洋公司称。

东洋公司商业载重轮胎高级产品经理 Lowell Slimp 说:“M144 是越来越多的获得 SmartWay 认证轮胎的一部分,我们正致力于扩大低滚动阻力轮胎产品的数量。”

除了 M144,东洋轮胎公司获得 SmartWay 认证轮胎产品还包括: M177 区域/长途导向轮胎、M137 长途导向轮胎、M657 区域/长途驱动轮胎和 M157 挂车轮胎。

(肖大玲摘译 吴淑华校)