

4.4 高速性能

按照 GB/T 4501—2008 进行高速性能试验,试验条件为:充气压力为 560 kPa,试验负荷率为 90%。试验结束时胎面掉块,最高通过速度为 180 km·h⁻¹,满足国家标准要求(>160 km·h⁻¹)。

5 结语

6.50R16LT 10PR 冬季无镶钉轻型载重子午线轮胎自投放市场以来,实际使用效果得到了客户的好评,促进了企业经济效益增长。

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Design of 6.50R16LT 10PR Winter Light Truck Radial Tire without Nails

CHEN Jian-guo, BAI Ya, LUO Ji-liang

(Guangzhou South China Rubber & Tire Co., Ltd, Guangzhou 511400, China)

Abstract: The design of 6.50R16LT 10PR winter light truck radial tire without nails was described. In the structure design, the following parameters were taken: overall diameter 747 mm, cross-sectional width 171 mm, width of running surface 146 mm, bead diameter at rim seat 404.8 mm, bead width at rim seat 154 mm, maximum width position of cross-section (H_1/H_2) 1.100 9, zigzag tread pattern, pattern depth 14.4 mm, block/total ratio 65%, and total number of pitches 71. In the construction design, the following processes were taken: co-extruded tread, 2 layers of 1670dtex/2 polyester dipped cord for carcass ply, three layers of 3×0.2+6×0.35HT steel cord for belt, two stage 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, strength performance, endurance performance and high speed performance met the requirements in design and national standard.

Key words: light truck radial tire; winter tire without nails; structure design; construction design

固铂发现者 A/TW 全天候全地形轮胎

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美国《现代轮胎经销商》(www.moderntire-dealer.com)2014年9月16日报道:

固铂轮胎橡胶公司的新发现者 A/TW 轮胎拥有可靠的全地形设计,兼具越野和公路行驶性能,如图 1 所示。



图 1 发现者 A/TW 全天候全地形轮胎

发现者 A/TW 全天候全地形轮胎足以通过“severe snow(重雪)”评级,并获得 3 峰 Mountain Snowflake 标志。

Micro-gauge 波形刀槽花纹和公司的 Snow-

groove 2.0 技术使轮胎在积雪(snow on snow)地面牵引强劲,在严冬条件下有优越的性能。

“在我们百年纪念之际,固铂持续改进诸如全地形轮胎这一新贵产品,”产品管理总监 Scott Jamieson 说,“继发现者轮胎系列产品阵容的成功脚步,A/TW 轮胎已远超 Mountain Snowflake 标志规定的雪地性能,该轮胎使司机在全天候轮胎的选择中可寻求多样化”。

轮胎的计算机优化节距序列和双锁条形花纹不仅能降低车内噪声,而且在湿地、干地和高速公路上均具有卓越的操控性能。越野行驶时则依靠人字型花纹沟和可补充先进的全地形花纹性能的抗切割崩花胶料。

截至 2014 年 9 月,这款优质全地形、严酷天气轮胎已有 23 个规格用于 SUV 和轻型载重货车,其他规格将在 2015 年春季上市,并且所有规格均有胎面花纹磨损里程担保。

(孙斯文摘译 吴秀兰校)