

轮胎未损坏。

#### 4.6 室外噪声

该规格轮胎送至欧洲进行室外噪声实测,结果为69 dB(A),达到花纹及施工优化设计的目标。

#### 5 结语

275/30ZR20 97Y XL超高性能低断面轿车子

午线轮胎在设计和工艺方面采取了一系列改进措施,各项性能满足设计和相关标准要求,投放市场后得到了用户的认可。该规格轮胎的成功开发,提高了公司的研发技术水平,也为后续超低断面产品的开发提供了经验,同时丰富了公司产品结构,取得了较好的经济效益。

第19届中国轮胎技术研讨会论文

## Design of 275/30ZR20 97Y XL Passenger Car Radial Tire

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**Abstract:** The design of 275/30ZR20 ultra high performance low cross-section passenger car radial tire was described. In the structure design, the following parameters were taken: overall diameter 668.4 mm, cross-sectional width 286 mm, width of running surface 242 mm, arc height of running surface 11.8 mm, bead diameter at rim seat 504.8 mm, bead width at rim seat 260 mm, maximum width position of cross-section ( $H_1/H_2$ ) 0.951, asymmetrical pattern design, pattern depth 8.2 mm, block/total ratio 34.7%, and total number of pitches 34. In the construction design, 2 layers of  $1 \times 3 \times 0.30$  HT OC steel cord for belt, 930dtex/2 dipped modified nylon 66 for cap ply, 1 layer of 2200dtex/2 dipped polyester cord for carcass ply, and  $\Phi 1.3$  mm tempered bead wire for bead. The tire was built on two stage building machine and cured using a type B curing press. It was confirmed by the finished tire test that, the peripheral dimension, strength performance, bead unseating resistance, endurance performance and high speed performance met the requirements of the design and corresponding standards.

**Key words:** passenger car radial tire; ultra high performance; low cross-section; structure design; construction design

### 横滨Geolandar H/T G056将成为 Mazda CX-9原配胎

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美国《现代轮胎经销商》(www.moderntiredealer.com)2016年7月14日报道:

横滨Geolandar H/T G056轮胎(见图1)将成为马自达汽车公司Mazda CX-9三排中型混合型SUV的原配胎,可提供的规格为P255/60R18 107H和255/60R18 108H。

横滨公司表示,Geolandar H/T G056是为公路地形轮胎开发的,用于中型和大型SUV,其全球销售量正在扩大。它的开发是为了满足驾驶者对具有出色耐磨、耐久、安静、舒适以及操纵稳定性能轮胎的需求。



图1 横滨Geolandar H/T G056轮胎

横滨的轮胎产品系列包括高性能轻型载重车、客车、商用载重车和公共汽车以及工程机械矿用和建筑应用的轮胎。

(吴淑华摘译 李静萍校)