

于设计要求,满足企业标准要求。

5 结语

185/60R14 82H TAXIPLUS出租车专用轮胎的充气外缘尺寸、强度性能、高速性能和耐久性能均达到设计和企业标准要求。该系列产品进入市场后,其使用情况反馈良好,优于以往同类产品,产品质量得到客户的认可与好评,在提升公司知名度的同时创造了较好的经济效益。

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Design on 185/60R14 82H TAXIPLUS Taxi Tire

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Abstract: The design on 185/60R14 82H TAXIPLUS taxi tire was described. In the structure design, the following parameters were taken: overall diameter 574 mm, cross-sectional width 195 mm, width of running surface 138 mm, arc height of running surface 6.1 mm, bead diameter at rim seat 350.1 mm, bead width at rim seat 153 mm, maximum width position of cross-section (H_1/H_2) 0.984 3, the tread was designed with 3 grooves, pattern depth 8.4 mm, block/total ratio 68.46%, and number of pattern pitches 60. In the construction design, the following processes were taken: the tread was constructed by using three compounds, the sidewall was designed with two compounds, 3×0.30 HT steel cord was applied for 1[#] and 2[#] belt, nylon 66 cord was adopted for crown belt, high modulus and low shrinkage polyester cord was selected for carcass, a one-stage building machine was used to build tires, and a hydraulic vulcanizing press and nitrogen vulcanization process were used to cure tires. The test results of the finished tire showed that, the inflated peripheral dimension, strength, durability and high speed performance of the finished tire met the requirements of corresponding design and enterprise standards.

Key words: taxi tire; structure design; construction design; wear resistance

Versalis公司与普利司通合作开发

高性能轮胎用合成橡胶

意大利化学品供应商埃尼集团旗下Versalis公司宣布,它将与普利司通欧洲、中东、印度和非洲公司(EMIA)联手共同开发具有先进性能的合成橡胶,用于生产高性能轮胎。

双方已经签订了联合开发协议,以研究、生产和供应用于制造差异化轮胎的丁苯橡胶。今后两家公司将通力合作,采用“开放式创新模型”进一

步开发合成橡胶技术及新的弹性体品种。

Versalis表示,它将利用其在意大利拉文纳和费拉拉的研究中心的专业优势,而普利司通将依托其在罗马附近的欧洲技术中心,从轮胎用原材料入手,加快新品种和应用的开发,从而提高轮胎性能。

双方还将在“高价值的技术和商业化合作”方面探索供应链的协同作用。

(朱永康)