

4.2 物理性能

成品轮胎的物理性能如表1所示。从表1可

以看出,成品轮胎的物理性能良好,符合企业标准要求。

表1 成品轮胎的物理性能

项 目	实测值	企业标准	项 目	实测值	企业标准
胎面胶性能			粘合强度/(kN·m ⁻¹)		
邵尔A型硬度/度	59	≥58	胎面-缓冲层	11.4	≥8.0
300%定伸应力/MPa	8.3	≥5.5	缓冲层帘布间	12.4	≥8.0
拉伸强度/MPa	19.2	≥18	缓冲层-胎体	8.8	≥6.0
拉断伸长率/%	525	≥450	胎体帘布层间	8.0	≥6.0
阿克隆磨耗量/cm ³	0.039	≤0.31	胎侧-胎体	15.5	≥6.0

该轮胎批量生产后投入市场,很好地满足了市场需要,受到用户的一致好评,为企业创造了良好的经济效益。

5 结语

本设计8.25-16 14PR工程机械轮胎充气外缘尺寸符合国家标准要求,产品外观质量优良。

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Design of 8.25-16 14PR OTR Tire

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Abstract: The design of 8.25-16 14PR OTR tire was introduced in this paper. In the structure design, the following parameters were taken: overall diameter 850 mm, width of cross section 218 mm, width of running surface 215 mm, arc height of running surface 12 mm, bead diameter at rim seat 406 mm, bead width at rim seat 165 mm, maximum width position of cross section (H_1/H_2) 0.905 6, wave tread pattern, tread depth 14 mm, and number of pattern pitch 24. In the construction design, tread was formed using sleeve-molding method, 6 layers of high strength 1870dtex/2V₁ nylon 66 cord were used in carcass ply, 2 layers of 930dtex/2V₃ nylon 66 cord were applied in the breaker ply, and double wire structure was designed for bead. The tire was built on 2B molding machine and cured using an autoclave. The Inflated outer dimensions and physical properties of the finished tire reached the requirements of design and national standards.

Key words: OTR tire; structure design; construction design

浙江双箭橡胶收购澳大利亚ICON公司

中图分类号:TQ336.2 文献标志码:D

日前,浙江双箭橡胶股份有限公司宣布以243.73万澳元收购澳大利亚International Conveyor Products Pty Limited(简称ICON公司)的60%股权。

澳大利亚ICON公司成为浙江双箭橡胶的控股子公司,这有利于拓宽浙江双箭橡胶的海外市场销售渠道,提高公司对外出口能力,符合公司的长远发展战略。

(余 雯)

斯里兰卡降低天然橡胶出口税

中图分类号:TQ332 文献标志码:D

斯里兰卡政府决定将天然橡胶(NR)出口税从目前的每千克15卢比降至4卢比。

斯里兰卡的NR中约80%供给国内市场,20%出口。全球NR价格大幅下跌致使斯里兰卡橡胶种植园主的处境十分艰难。斯里兰卡政府希望通过降低NR出口税刺激国内NR生产商和出口商之间的竞争,以提振胶价。据业内人士预测,在2020年之前全球NR价格将保持低位震荡。

(国 益)