

能亦存在一定的影响,通过试验得出轮胎干地制动性能最优的施工方案为:胎面胶配方生胶体系使用溶聚丁苯橡胶,填充体系使用高结构度的炭黑,并加入抗湿滑树脂;带束层角度为 26° ,冠带层结构为一层平铺结构;轮胎磨合里程为300 km。

试验得出的结论可为轮胎企业开发干地制动性能好的轮胎提供依据。

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Study on Dry Braking Performance of Passenger Car Tire

LIU Junjie¹, CHEN Yating¹, QIU Jiwei¹, ZHANG Chao¹, JIA Chunhui¹, YANG Hongtao¹, ZHANG Tengfei²

[1. Qingdao Double Star Tire Co., Ltd, Qingdao 266400, China; 2. Pirelli Tyre (Jiaozuo) Co., Ltd, Jiaozuo 454150, China]

Abstract: Taking 235/65R17 108H passenger car tire as an researching object, the effects of tread compound formula, structure design and running-in mileage on the dry braking performance of the tire were studied. The results showed that the tread compound formula had the greatest influence on the dry braking performance. In the optimum design, solution-polymerized styrene-butadiene rubber was used as the base material in the tread compound formula with high structural carbon black as the reinforcing filler, wet-skid resistant resin was added, the angle of the belt was 26° , one ply spreading structure was adopted for the crown ply, and the running-in mileage of the tire was 300 km.

Key words: passenger car tire; dry braking performance; tread compound formula; structure design; running-in mileage

大陆为RDT-Master CR轮胎开发抗切割胶料

美国《现代轮胎经销商》(www.moderntiredealer.com)2019年3月20日报道:

刚性自卸卡车使用大陆轮胎美洲有限公司的RDT-Master CR轮胎(见图1)将提高对道路上锋利砾石、岩石和石块的承受能力,该轮胎采用了新的抗切割胶料。



图1 RDT-Master CR轮胎

目前市场尤其是采矿业和建筑业对工程机械轮胎的需求量不断增大。但每件设备都需要根

据其特定应用而开发和定制轮胎,大陆公司表示RDT-Master抗切割(CR)轮胎针对耐磨和抗切割而开发。该轮胎采用新开发的聚合物网孔系统(见图2),其采用高合成橡胶和精选部件,既提供良好的保护和耐磨性,又可保持良好的散热水平。

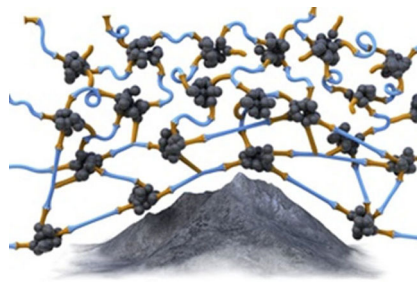


图2 聚合物网孔系统示意

RDT-Master CR轮胎具有高胎体保护,可防止异物的切割和破坏,并采用开放式胎肩设计,具有良好的自洁能力和高牵引力。

(吴淑华摘译 吴秀兰校)