

上下模支撑胶的硬度之差明显减小。

采用优化前后的配方试制225/55ZR17跑气保用轮胎,并进行零气压里程试验。1[#]和2[#]配方支撑胶轮胎的累计行驶里程分别为65和74 km,优化配方轮胎的耐久性能提高。

3 结论

在跑气保用轮胎支撑胶配方中加入多功能交联剂WY988,胶料的抗硫化返原性能明显提高,硫

化胶的硬度和定伸应力增大,耐屈挠性能不变, $\tan\delta$ 减小,上下模支撑胶的硬度之差减小,成品轮胎的耐久性能提高。

参考文献:

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Effect of Multifunctional Crosslinking Agent WY988 on Property of Support Compound for Run-flat Tire

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Abstract: The effect of multifunctional crosslinking agent WY988 on the properties of support compound for run-flat tire was studied. The results showed that by adding WY988 in the support compound formula, the anti-reversion property of the compound was improved, the hardness and modulus of the vulcanizate increased, the flexure resistance was kept unchanged, and loss factor decreased. The hardness difference between the upper and lower dies of support compound was reduced, and the durability of the finished tire was improved.

Key words: multifunctional crosslinking agent; run-flat tire; support compound; hardness; anti-reversion property; dynamic mechanical property

优科豪马为平土机提供雪地轮胎

美国《现代轮胎经销商》(www.moderntiredealer.com)2019年12月2日报道如下。

优科豪马轮胎有限公司生产的RS02子午线雪地轮胎(见图1)在冬季赋予G-2平土机更好的性能。该轮胎的上市规格为14.00R24。

RS02轮胎具有以下2个优势。

(1)冬季最大牵引力。特别设计的冬季复合胶料配方和大量的啮合边缘共同作用使轮胎能在冰雪环境下提供较强的牵引力。大的六角形钢丝圈增大强度的同时消除了打滑。

(2)长期可靠的服务。高反向结构提供横向稳定性,与附加的胎侧保护共同作用使轮胎持久、耐用。优科豪马的工程机械轮胎钢丝带束层保护



图1 RS02子午线雪地轮胎

胎体,提高轮胎抗刺扎性,无向胎面花纹使安装和转向更容易。

(张 钊摘译 赵 敏校)