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Study on Properties of Calcium Silicate Filled Reclaimed NR

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Abstract: The effect of calcium silicate/carbon black blend ratio on the properties of NR reclaim was investigated. The results showed that, as calcium silicate/carbon black blend ratio increasing, the scorch time of NR reclaim was gradually shortened, indicating reduced processing safety, t_{90} was gradually shortened, the vulcanization rate gradually increased, the density, Shore A hardness and tensile set at break changed a little, and the tensile strength and elongation at break increased significantly. The study showed that calcium silicate had a good reinforcement effect on NR reclaim.

Key words: NR reclaim; calcium silicate; carbon black; reinforcement effect

玛吉斯Victra UHP系列新增一款 极端夏季轮胎

中图分类号: TQ336.1 文献标志码: D

美国《现代轮胎经销商》(www.moderntiredealer.com) 2016年9月16日报道:

玛吉斯国际Victra超高性能轮胎系列新增Victra VR-1极端夏季轮胎, 如图1所示。



图1 玛吉斯Victra VR-1极端夏季轮胎

Victra VR-1轮胎采用可迅速升温到工作温度的胶料配方, 可在道路行驶和比赛中提供强劲的干地牵引力。

玛吉斯国际公司表示, Victra VR-1轮胎胶料的热循环性良好, 可以确保轮胎在寿命期内高速行驶。新型胎面花纹设计可以最大限度地提高轮胎干地性能, 同时减少在潮湿天气条件下的意外情况发生。增强胎体设计可以提供敏捷响应, 允许司机将车停在任何需要停车的地方。

玛吉斯Victra VR-1轮胎在统一轮胎质量级别评定(UTQG)中被评定为200 AAA, 只有规格295/40R18评定为140 AAA。可选规格如下: 205/50ZR15, 245/40ZR15, 205/55ZR16, 255/40ZR17, 245/40ZR18, 265/35ZR18, 295/40ZR18。

(孙斯文摘译 吴秀兰校)