

Application of Wet Silica NR Masterbatch in Truck and Bus Radial Tire

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Abstract: The physico-chemical property of wet silica NR masterbatch (wet masterbatch in brief) was analyzed in this study. The wet masterbatch was applied in the standard NR formulation compound, tread compound, tread base compound and belt compound of all steel truck and bus radial tire, and the properties of those compounds were tested. The results showed that, the ash content of wet masterbatch met the requirements specification. The property of the wet masterbatch compound was equal to that of the compound prepared by adding silica directly. The properties of high speed tire tread compound, mining tire tread compound, tread base compound and belt compound with the wet masterbatch all met the application requirements of all steel truck and bus radial tire.

Key words: wet silica NR masterbatch; all steel truck and bus radial tire; tread compound; tread base compound; belt compound

Hercules将All Country CHT加入 Ironman系列

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美国《现代轮胎经销商》(www.moderntiredealer.com) 2016年11月8日报道:

Hercules轮胎和橡胶公司将All Country CHT加入Ironman系列,以扩展该系列轮胎,这是该系列的首款商业公路轮胎。

Ironman All Country CHT是一款商业公路牵引花纹轮胎,如图1所示,加入现有All Country的SUV和轻型载重泥地和全地形轮胎阵容。



图1 Hercules All Country CHT轮胎

“在过去几年里,我们一直在扩大Ironman产品系列,使该品牌成为我们经销商的完整解决方案,

因此总是有一个Ironman品牌轮胎来完成这项工作。”Hercules公司市场营销副总裁Jedd Emans说,“扩张已经非常全面周到,它直接来源于客户信息,因此非常成功。”

该轮胎是Hercules专为商用车的频繁启动、停止和转弯而设计的,M+S级All Country CHT特点如下:

- (1) 连续胎肩花纹可抵抗不规则磨损,有助于增加胎面寿命,并改善转向响应;
- (2) 坚固的胎肩下部和胎侧可防止路边划伤等问题;
- (3) 优化的胎面花纹利于低噪声和舒适行驶;
- (4) 在各种路面上均匀磨损和稳定性高;
- (5) 商业级结构和配方可确保耐用性和使用寿命。

入门级Ironman All Country CHT有11个轻型载重规格,涵盖406~457 mm(16~18英寸)轮辋直径。

All Country CHT目前在美国通过美国轮胎分销商公司(ATD)销售,不久后在加拿大和拉丁美洲将分别通过国家轮胎分销商(NTD)和Hercules轮胎国际有限公司销售。

(孙斯文摘译 吴秀兰校)