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Application of Silane Coupling Agent TESPT/OTES Blend System in Silica Filled Rubber Compound

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Abstract: The application of silane coupling agent TESPT/OTES blend system in the silica filled rubber compound was studied. The results showed that, as the addition level of silane coupling agent OTES increased, the Mooney viscosity of the compound decreased, the Mooney scorch time was extended, the Payne effect decreased, the dispersion of silica was improved, the wet skid resistance of the vulcanizates was improved, and the rolling resistance decreased.

Key words: silane coupling agent; silica; dispersion; dynamic mechanical property

Point S升级Winterstar轮胎

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美国《现代轮胎经销商》(www.moderntiredealer.com) 2018年10月16日报道:

Point S开发公司已升级其私有品牌冬季轮胎。Winterstar 4轮胎(见图1)现已由Point S在欧洲零售。



图1 Winterstar 4轮胎

Winterstar 4轮胎在欧洲生产, 具有高抓着性有向胎面花纹, 适用于轿车和SUV, 共有39个规

格, 最大轮辋直径为432 mm (17英寸)。

另外, 还推出一款专用于厢式货车的Winterstar 4 Van轮胎(见图2)。该轮胎具有无向花纹, 适应多用途车辆的需要, 共有13个规格。



图2 Winterstar 4 Van轮胎

升级的冬季轮胎继2018年早些时候Summerstar 3+轮胎发布之后推出。Point S正以2个特性品牌——SummerHero和WinterHero推销其夏季和冬季轮胎。

(吴秀兰摘译 赵敏校)