

面表现更佳。白炭黑能够显著提升胎面胶的抗撕裂性能和抗切割性能。在沥青路面为主的使用环境,出租车轮胎胎面胶设计主要侧重于普通磨耗,高硬度和高定伸应力的胎面胶配方能够显著改善轮胎的耐磨性能;在山路和苛刻路面为主的使用环境,胎面胶设计则应更加侧重于苛刻磨耗,硬度稍低和抗切割性能高的胎面胶能够显著延长轮胎

的使用寿命和行驶里程。

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## Study on Wear Resistance of Tread Compound of Taxi Tire with Different Road Conditions

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**Abstract:** In this study, the influence of tread compound design on the wear resistance of taxi tire under different road conditions was studied. The results showed that, on asphalt pavement, the design of tread compound for taxi tire mainly focused on reducing the ordinary wear, and the formulation with high hardness and high modulus could significantly improve the wear resistance of tire. In the environment of mountain road and rough road, the design of tread compound focused on reducing the severe wear, and the tread compound with low hardness and high cutting resistance could significantly extend the service life of tires and driving mileage.

**Key words:** taxi tire; tread compound; formula design; ordinary wear; severe wear; hardness; cutting resistance

### 固铂在特种设备市场协会展上推出 Discoverer EnduraMax SUV轮胎

美国《现代轮胎经销商》(www.moderntiredealer.com)2019年11月5日报道如下。

固铂轮胎和橡胶公司在2019年特种设备市场协会展上推出了最新的全天候SUV轮胎——Discoverer EnduraMax (见图1)。



图1 新型固铂Discoverer EnduraMax轮胎

固铂官方声明,Discoverer EnduraMax轮胎将固铂超耐用越野轮胎先进技术运用到全天候轮胎

中,这款轮胎为中小型SUV设计,其设计目的是“应对美国随处可见的会啃坏轮胎的粗糙道路”。

该轮胎采用了固铂的Durable-Tread技术,该技术通过超耐用材料抵抗如砾石和不平坦的城市街道之类的粗糙道路对轮胎的磨损和撕裂,从而延长轮胎胎面寿命;该轮胎还采用了公司的Armor Belt技术,提高了强度性能和操纵性能。

其EnduraGuard设计(一种耐久的内部结构),有助于轮胎在粗糙崎岖的路面上行驶时保持形状,使轮胎与路面接触平稳。

此外,得益于其Winter Grip技术,Discoverer EnduraMax轮胎的冬季性能和雪地性能提高,拥有三峰山雪花标志。

该款轮胎将于2020年夏初推出从P205/70R16到P245/50R20的30种规格。

(马 晓摘译 吴秀兰校)