

综合性能非常突出。同时又有不同的侧重点,可以满足不同地区和客户对全天候轮胎性能的特定需求,有利于更合理、更安全地选择和使用轮胎。

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## Relevance between Pattern Design and Performance of All-season Tire

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**Abstract:** The pattern of all-season tire was analyzed, and the relationship between pattern design of all-season tire and tire performance was studied. The results showed that the all-season tire pattern could be divided into two types: the one emphasizing summer conditions represented by brand M and the other in favor of winter conditions represented by brand G. Both types of all-season pattern could ensure the excellent handling performance and safety performance of tires on dry and wet road, and also ensure the braking performance, handling performance and driving safety performance of tires on snowy road. The comprehensive performance of all-season tire was outstanding and could meet the specific needs of different regions.

**Key words:** tire; pattern; all-season tire; winter tire; dry road performance; wet road performance; snow performance

### 保时捷卡宴使用韩泰超高性能轮胎

美国《现代轮胎经销商》(www.moderntiredealer.com)2019年10月7日报道如下。

韩泰轮胎有限公司为保时捷卡宴提供了Ventus S1 evo 3超高性能SUV轮胎(见图1)。



图1 Ventus S1 evo 3超高性能SUV轮胎

韩泰公司表示,Ventus S1 evo 3是为德国斯图加特跑车制造商的新型SUV量身定制的原配

胎,完全满足该细分市场的高要求。其前轮规格为P285/40ZR21 XL,后轮规格为P315/35ZR21 XL。

据韩泰公司称,Ventus S1 evo 3轮胎的胎面胶使用了基于高性能天然树脂的新一代创新材料,不仅提高了(车辆)输出功率峰值时的抓着力,而且可以在宽温度范围内提供高水平抓着力。

该轮胎的胎侧包含特殊的锦纶材料,有助于确保高行驶稳定性;带束层中有韩泰的CapPly混合芳纶材料,并采用2层人造丝胎体结构,有助于提高轮胎耐久性能。

韩泰轮胎欧洲研发中心负责人Klaus Krause说:“由于车辆载荷加上运动驾驶性能、低滚动阻力和高负荷能力要求,使得为保时捷卡宴设计开发轮胎非常具有挑战性。新的Ventus S1 evo 3轮胎在潮湿和干燥路面条件下都能很好地满足这些要求。”

(吴淑华摘译 吴秀兰校)