

(3) 三氧化二锑无补强作用,但可以降低胶料成本并改善耐过热水性能。

(4) 添加1~2份硬脂酸锌作润滑剂硫化胶的性能影响较小。

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Property of Lining Compound of Rubber Hose with 230 °C Superheated Water Resistance

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Abstract: The influence of vulcanizing agent DCP, coagent TAIC and the amount of spray carbon black on the properties of lining compound of rubber hose with 230 °C superheated water resistance using tetrapropyl fluoro elastomer as main material was studied. The results showed that the crosslinking effect of lining compound using the vulcanization system with DCP/TAIC amount ratio of 2/5 was better. After 230 °C × 48 h superheated water aging, the retention ratio of the physical properties of the vulcanizate was good. When the amount of spray carbon black was 30 phr, its reinforcement property was the best, and superheated water resistance of the vulcanizate was better. Antimony trioxide had no reinforcing effect, but it could reduce the cost of compound and improve superheated water resistance. 1~2 phr zinc stearate as lubricant had little effect on the properties of the vulcanizate.

Key words: tetrapropyl fluoro elastomer; rubber hose; lining compound; superheated water resistant; DCP; TAIC; spray carbon black

米其林发布商用车轻量化和大容积解决方案

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日前,米其林推出商用车轻量化和大容积解决方案,旨在满足物流企业对成本效率和安全的双重需求。

米其林商用车轻量化方案是将用于驱动轴的425/65R22.5 X MULTI D轮胎与用于挂车轴的425/65R22.5 X MULTI T轮胎搭配使用。X MULTI D和X MULTI T是米其林的宽基轮胎单胎新产品,宽基轮胎单胎替代普通轮胎双胎能使整车质量减小近600 kg,轻松提升载货能力。

米其林商用车大容积解决方案是将315/60R22.5 X MULTI D轮胎与445/45R19.5 XTA2+ENERGY轮胎搭配使用,适用于低底盘、

大厢车型,帮助客户安全装载更多货物,从而有效降低运营成本。

近年来,车辆轻量化和大容积已是国内车厂的主要研发课题,而宽基单胎也成为炙手可热的轮胎品种。

米其林两个解决方案中应用的X MULTI D和X MULTI T轮胎采用了米其林无限环绕技术,确保稳定的接地应力分布,在抗偏磨的同时保障了运输安全和效率;轮胎胎冠均设计有6层钢丝,能更好保护胎体,在降低故障率的同时支持多次翻新,配合米其林的耐磨胎面胶,进一步延长了轮胎使用寿命;滚动阻力性能表现出众,可有效降低车辆油耗;内置RFID电子芯片,使轮胎跟踪和识别更简便,有助于车队轮胎资产管理数字化。

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