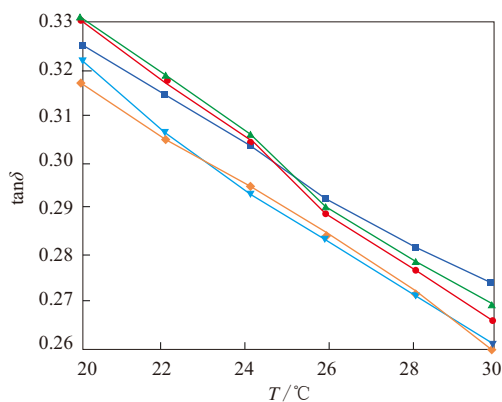




注同图1。

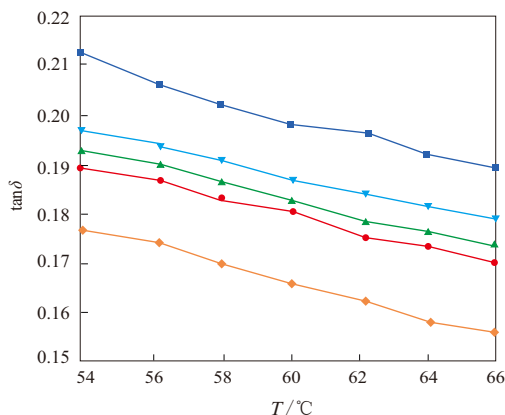
图3 胶料中温区 $\tan\delta$ - T 曲线

胶料较小。说明增大促进剂TATD用量比增大促进剂NS用量对降低胶料滚动阻力更有利。

3 结论

与促进剂DPG胶料相比,促进剂TATD胶料的加工安全性能较好,硫化速度较快,物理性能较好,滚动阻力降低,抗湿滑性能提高。

促进剂TATD作为一种不产生亚硝胺的环保促进剂,可替代促进剂DPG用于绿色轮胎和厚制



注同图1。

图4 胶料高温区 $\tan\delta$ - T 曲线

品的制备。

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Application of Accelerator TATD in Tread Compound of PCR Tire

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Abstract: Accelerator TATD was studied using the tread compound formulation of PCR tire and compared with accelerator DPG. The results showed that, compared with the compound with DPG, the processing safety property of the compound with TATD was better, the curing rate was higher, the wet skid resistance was better and the rolling resistance was lower. In addition, TATD was an environmentally friendly additive which did not generate nitrosamine.

Key words: accelerator; tread compound; PCR tire; rolling resistance; wet skid resistance

炭黑院将开展6项现行炭黑标准的修订

中图分类号:TQ330.38⁺1 文献标志码:D

2015年底,国家标准化管理委员会下达2015年第3批国家标准制修订计划。其中,6项与炭黑行业相关的标准由中橡集团炭黑工业研究设计院负责组织起草修订。这些标准是:GB/T 3780.2—2007《炭黑吸油值的测定》,GB/T

3780.4—2008《炭黑压缩试样吸油值的测定》,GB/T 3780.5—2008《炭黑比表面积的测定 CTAB法》,GB/T 3780.10—2009《炭黑灰分的测定》,GB/T 3780.17—2008《炭黑粒径的间接测定 反射率法》,GB/T 3780.18—2007《炭黑在天然橡胶中的评价方法》。

(国 益)