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Application of Eucommia Ulmoides Gum in Damping Materials and Products

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Abstract: The properties of eucommia ulmoides gum (EUG)/NR blends and EUG/CR blends were investigated, as well as the application of EUG in anti-vibration products, such as spherical joint and air spring. The results showed that the flexing resistance was greatly improved by adding a small amount of EUG in NR or CR, while the comprehensive properties were unchanged. At the same time, the fatigue resistance of the anti-vibration products was improved significantly.

Key words: eucommia ulmoides gum; NR; CR; anti-vibration product

兰州石化绿色橡胶热销

中图分类号:TQ333.1/.7 文献标志码:D

2016年1月6日,兰州石化橡胶厂“环保丁腈橡胶技术开发及工业应用”和“高性能丁苯橡胶SBR1723开发与工业化试生产”顺利通过甘肃省科技厅组织的科研成果鉴定。这意味着兰州石化的橡胶产品在一些关键性能指标上超过欧盟对橡胶制品的要求。

为适应国内外市场对橡胶环保性能要求日趋严格的实际需要,兰州石化加大技术研发力度,环保型、高性能型丁苯橡胶产品已逐步实现对国内外知名企业的定制化生产。2015年,兰州石化橡胶厂环保型丁腈橡胶4个牌号全部实现工业化生产的升级换代,全年产量超过3万t,投放市场后得到用户一致好评,用环保型丁腈橡胶生产的橡胶制品逐步出口欧盟市场。与此同时,丁苯橡胶SBR1723完成固特异公司定制化产量1 700多吨,

产品性能全部达到用户要求,每年固定供货单达到6 000 t,成为热销产品。

(摘自《中国化工报》,2016-01-13)

一种防霉抗菌鞋用橡胶及其制备工艺

中图分类号:TS943.714 文献标志码:D

由浙江奥康鞋业股份有限公司申请的专利(公开号 CN 104530500A,公开日期 2015-04-22)“一种防霉抗菌鞋用橡胶及其制备工艺”,涉及的鞋用橡胶配方为:天然橡胶 100~150,丁苯橡胶 50~70,填充剂 20~50,氧化锌 5~7,硬脂酸 1~2,活性剂DEG 6~9,防老剂SP 0.8~1.2,促进剂CZ/NS 0.8~1,促进剂TMTD/TS 0.2~0.3,硫黄 1.5~2。该鞋用橡胶具有较好的防霉、抗菌和防潮功能,且使用寿命延长。

(本刊编辑部 赵敏)