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## Research Progress and Application of Rubber Protective Wax

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**Abstract:** The composition, protective mechanism, influencing factors of protective effect, research progress and application of rubber protective wax were introduced. The commonly used rubber protective wax was a mixed wax made of paraffin and microcrystalline wax. The rubber protective wax migrated to the rubber surface to form a dense protective film to prevent the attack of ozone molecules on the rubber macromolecules. The carbon number distribution of the rubber protective wax and the ratio of n-alkanes/isoalkane had a great influence on its protective effect on the rubber surface, and its melting point and ambient temperature also had influence on its migration. Although domestic rubber protective wax products had made some progress and development, there was a certain gap with imported rubber protective wax products in terms of product characteristics and quality. Stabilizing the quality of raw materials of rubber protective wax products and comprehensive research on different rubber and additive systems were the main development directions of rubber protective wax products in the future.

**Key words:** rubber protective wax; anti ozone agent; carbon number distribution; n-alkanes; transfer

### 通用泰国月销售额连破3 000万美元

日前,江苏通用科技股份有限公司(简称通用股份)宣布,2022年2月其泰国工厂销售额达3 300万美元,较上年同期增长309%。2022年1月,通用股份泰国工厂销售额就首次突破3 000万美元,该工厂月销售额连续超过3 000万美元,标志着海外营业收入规模和盈利能力持续提升。

据了解,通用股份泰国工厂和柬埔寨工厂是公司紧抓“一带一路”机遇,在海外建立的两大生产基地。其中,泰国工厂项目建设规模包括年产100万条全钢子午线轮胎和600万条半钢子午线

轮胎,现已进入全面达产阶段。柬埔寨工厂正在建设中。目前,泰国工厂盈利能力逐年增强,该工厂主要承接美国、欧洲、东南亚等多个海外市场订单。依托中国、泰国、柬埔寨三大生产基地,通用股份正奋力抢滩全球贸易市场。

作为通用股份的首个海外生产基地,泰国工厂自投产以来始终保持着产销两旺的势头。通用股份表示,2022年泰国基地将充分发挥产能优势,进一步增强外贸业务盈利能力,为公司业绩增长奠定坚实基础。

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