

射红外测温仪性能可靠,满足了测温要求,可测试滚动轮胎表面温度场的分布。实际进行了9.00 - 20 14PR 滚动轮胎表面温度场分布测定,其数据表明,稳态和非稳态情况下,轮胎各部位温升趋势基本一致,而温升大小不同:胎冠最大、胎侧次之、轮辋较小、胎肩最小,较真实地反应了轮胎的温升情况,为研究轮胎内部温度场分布奠定了基础。

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Application of IR temperature determination to surface temperature profile of running tire

WANG Qing-nian , Zhao Zi-liang , LI You-de , LI Jie , CHU Liang  
(Jilin University of Technology ,Changchun 130025 ,China)

**Abstract:** The characteristics of IR temperature determination and its application to determing surface temperature profile of running tire were described. The IR temperature determination was based on the relationship between the IR radiation energy and the sample temperature ,and featured fast ,non-contact and non-destructive to tested temperature profile and precise. The surface temperature profile of running 9.00 - 20 14PR truck tire was determined by a bidirectional IR temperature determing system. The results showed that the temperature risings at different portions of tire was in the order :crown > sidewall > bead > shoulder ,which was in accordance with the practical situation.

**Key words:** IR temperature determination ;tire ;surface temperature profile

银川 30 万套全钢载重子午线轮胎项目竣工

中图分类号:U463.341+.6 文献标识码:D

2001 年 9 月 29 日,银川(长城)轮胎有限责任公司举行了 30 万套全钢载重子午线轮胎项目竣工仪式。该项目于 1988 年提出申请,1998 年获得国家批准,并被列入国家“九五”计划重点项目,1999 年 9 月 28 日开工建设。整个项目总投资 8 亿元,部分关键设备从国外引进,技术软件由北京橡胶工业研究设计院提供。一期工程投产后将达到 11 种规格 22 万套有内胎和 8 万套无内胎载重子午线轮胎的生产能力。该项目工程厂房和公用工程按 60 万套生

产能力设计。公司的产能目标为年产 100 万套全钢载重子午线轮胎。

(本刊讯)

欧洲替换胎市场不同档次轮胎分布

中图分类号:TQ336.1 文献标识码:D 万条

项 目	2000 年	2005 年
高性能轮胎(V,W,Z 级)	2 500(19 %)	4 700(33 %)
中性能轮胎(H 级)	3 000(23 %)	3 300(23 %)
低性能轮胎(S,T 级)	7 500(58 %)	6 200(44 %)
总销量	13 000	14 200