

轮胎工业

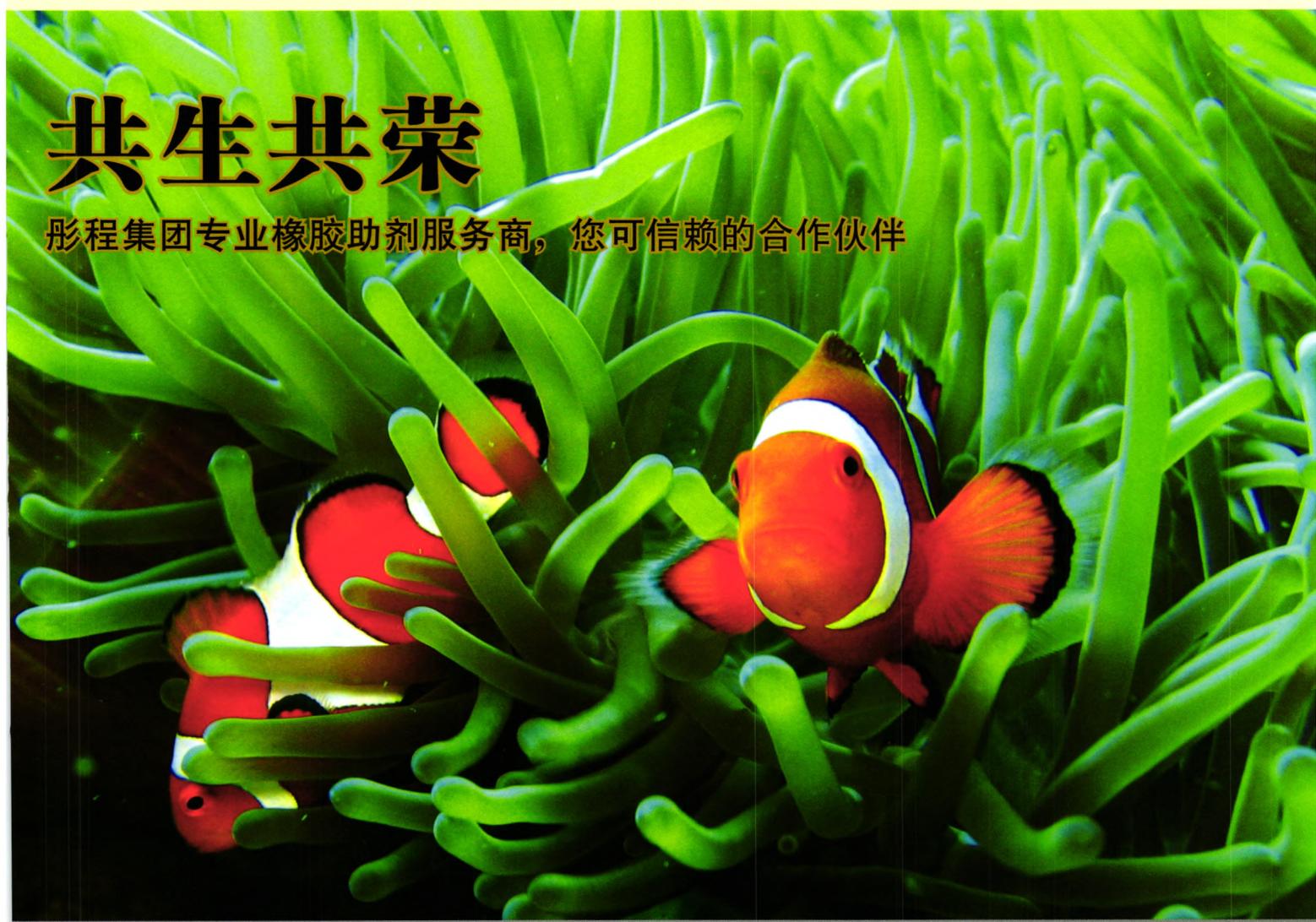
Luntai Gongye
Tire Industry

北京橡胶工业研究设计院 主办

3
2013

共生共荣

彤程集团专业橡胶助剂服务商，您可信赖的合作伙伴



Red Avenue GROUP
彤 程 集 团

中国-上海市浦东新区花园石桥路33号花旗集团大厦9楼 Tel:+86-21-62109966 Fax:+86-21-52371633 P.c:200120
9/F, Citigroup Tower, 33 Hua Yuan Shi Qiao Rd., Pudong New Area, Shanghai 200120, China Web://www.rachem.com
中国-北京经济技术开发区科创十四街20号院10号楼-3 Tel: +86-10-52936300 Fax: +86-10-52936320 P.c:100176
Tower 10-3, No.20. Division record Fourteenth Street, Beijing Economic-Technological Development Area, Beijing 100176, China

ISSN 1006-8171



万方数据

第33卷 第3期 Vol.33 No.3



Tire Industry
(Luntai Gongye)
Vol. 33, No. 3, March 2013
• Monthly •

Contents

Special and Comprehensive Review

- Design Principle and Technology Analysis of Low Noise Tires RONG Ying-fei, DING Hai-feng, YU Li-gang, MIAO Dai-jiang (131)
Electrical Conductivity Property of Tires LI Cheng-min, CHEN Zhong-mao, WANG Zhi-yuan, CAO Hui, HAN Zhen-hua (135)

Structure Design

- Study on Control Parameters of Tire Footprints GAO Ming, HOU Bo, YU Fei, RONG Ying-fei, ZHAO Shu-kai (146)
Design of 385/55R22.5 20PR Super Low Profile Tubeless Truck and Bus Radial Tire CHEN Hong-wen, LIU Long-yi, ZHANG Chun-ying (151)
Design of T125/70R16 T-type Spare Passenger Car Radial Tire GAO Xian-jie, FU Song, CAI Xi-zhou, HUANG Ming-xin (155)

Material • Compounding

- Performance Evaluation on Emulsion Styrene-butadiene Rubber 1502 with High Monomer Conversion ZHANG Xin-jun, YAN Jin-jun, ZENG Ji, MA Wei-de, ZHOU Zhi-feng, LI Hua-ting (159)
Selection of Environment-friendly Oil for Styrene-butadiene Rubber MU Shou-yong, FENG Zhan-meい, MA Xiao, FENG Tao, ZHANG Xin-jun, WU Qin-hong (166)
Effect of Carbon Black on the Blackness of Tire Sidewall Compound XIE Bin (169)
Application of 0.25+6+12×0.225HT Steel Cord in Carcass of Tubeless Truck and Bus Radial Tire YU Zheng-gang, ZENG Qing, YANG Hui-lin, YANG Li-wei, HUANG Xiao-li (175)

Technology • Equipment

- Application of Earth-mover Tire Building Machine with Turn-up Bladder WANG Feng-qin, LI Jian (178)
Optimization of Vacuum System for Truck and Bus Radial Tire Curing LU Hai-su, ZHANG Jin-wu (181)
Modification of Shaft Connection of Calender Roller in Wrapping Production Line GAO Li-hong, MA Ju-long (184)

Test • Analysis

- Identification of Anti-scorch Agent CTP in the Analysis of Tire Composition LI Shu-juan, LI Hai-yan (186)

China Standard Serial Numbering: ISSN 1006-8171
CN 11-3478/TQ

Chief Editor: MA Liang-qing

Superintended by China Petroleum and Chemical Industry Federation

Sponsored by Beijing Research and Design Institute of Rubber Industry

Edited by Editorial Office of Tire Industry

Add. : No. 19A, Fushilu, Haidian District, Beijing 100143, China

Tel. : (010) 51338149, 51338490

Adv. & Dist. Tel. : (010) 51338678, 51338152

Fax: (010) 51338678

http: //www.rubbertire.com.cn

E-mail: rubbertire@263.net

Published by Editorial Office of Tire Industry

Printed by Langfang Jiayi Printing Co., Ltd

Oversea Distributed by China International Book Trading Corporation (P. O. Box 399, Beijing 100044, China)

Publishing Date: every 10th

Domestic Subscription Price: 12 RMB Yuan

Serial Parameters: CN 11-3478/TQ * 1981 * m * A4 * 64 * zh * P * ¥12.00 * 2200 * 14 * 2013-03 * n



轮胎工业

Luntai Gongye

Tire Industry

第33卷第3期(1981年创刊)

2013年3月10日出版

经国家科委批准出版

月刊 国内外发行

目 次

专论·综述

- 低噪声轮胎的设计理念与技术分析 荣英飞, 丁海峰, 于利刚, 苗岱江(131)
轮胎导电性能的研究 李承民, 陈忠茂, 王志远, 曹晖, 韩贞花(135)
天然橡胶及其替代品(聚异戊二烯橡胶)的生产前景(译文) A. S. Dykman(140)

结构设计

- 轮胎印痕控制参数的研究 高明, 侯波, 于飞, 荣英飞, 赵书凯(146)
385/55R22.5 20PR 超低断面无内胎全钢载重子午线轮胎的设计 陈红文, 刘龙义, 张春颖(151)
T125/70R16 T型备用轿车子午线轮胎的设计 郁宪杰, 付松, 蔡习舟, 黄明新(155)

原材料·配方

- 高转化率乳聚丁苯橡胶1502性能评价 张新军, 颜晋钩, 曾季, 马维德, 周志峰, 李花婷(159)
丁苯橡胶用环保油的选择 牟守勇, 冯占美, 马晓, 冯涛, 张新军, 吴琴红(166)
炭黑对轮胎胎侧胶黑度的影响 谢斌(169)
0.25+6+12×0.225HT钢丝帘线在无内胎全钢载重子午线轮胎胎体中的应用 余政纲, 曾清, 杨辉林, 杨利伟, 黄晓丽(175)

工艺·设备

- 工程机械轮胎胶囊反包成型机的应用 王风琴, 邝坚(178)
全钢载重子午线轮胎硫化抽真空系统优化 卢海粟, 张进武(181)
包边生产线中压延机辊筒轴端连接结构的改造 高丽红, 马巨龙(184)

测试·分析

- 轮胎组分剖析中防焦剂CTP的鉴定 李淑娟, 李海燕(186)

国内外消息

- 普利司通威尔逊工厂率先通过ISO 50001认证(134)通用/福特轮胎压力监测系统工具(145)2012年中国汽车年度出口破百万(154)赛轮拖车轮轮胎通过美国SmartWay认证(158)江西黑猫炭黑股份有限公司在山东济宁建炭黑生产基地(165)国内外简讯2则(177)RMA预测2013年轮胎出货量将回升2%(180)Ranger RB24T型车轮平衡机(185)2012年轮胎行业微幅增长(189)横滨将在卡车展上推出两款载重轮胎(190)

专利介绍

- 一种可自动修补的轮胎(150)一种轮胎零度带束层预排线板结构(154)多内胎车轮(158)一种硫化机(180)