

4 结语

通过分析挤出胎面质量波动的产生原因,并采取相应解决措施,有效防止了不合格胎面的流出,使成品轮胎质量合格率达到98.05%以上,降低了成品轮胎胎里不平、胎里露线等质量缺陷,提高了产品质量,避免了因产生不合格产品所造成的经济损失,创造了良好的品牌效益。

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Quality Control of Tire Tread Extrusion

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Abstract: The reasons for the fluctuation of tire tread extrusion quality were analyzed and the corresponding solutions were put forward. The main reasons for the fluctuation of tread quality were the fluctuation of raw material properties, unstable final stock properties, fluctuation of extrusion tread size, difference in the parking time of the final stock, operational differences, unscientific quality control method of the extruded tread and mismatch between the process and the equipment. By adopting measures such as improving the control of the procurement of raw materials, strictly controlling final stock properties, improving the dimensional control accuracy of the extruded parts, controlling the parking time of the final stock, eliminating the difference of operation, adopting an automatic screening system for the quality of the extruded parts, and ensuring the matching of the process and the equipment, the tread quality was stabilized and the qualified rate of the finished tire was greatly improved.

Key words: tire; tread; extrusion; quality; control

万力轮胎斩获TDA2020轮胎匹配邀请赛 两项大奖

2020年11月4日,由轮胎动力学协同创新联盟主办的TDA2020轮胎匹配邀请赛暨主客观评价研讨会在山东烟台举行。万力轮胎股份有限公司(以下简称万力轮胎)最新花纹产品舒适系列SP022在轮胎匹配邀请赛中表现出色,斩获降噪和舒适性两项优胜大奖,得到现场评委的一致好评。

TDA2020轮胎匹配邀请赛以“平台融通、产业创新、精品输出”为主题,针对车辆与轮胎匹配性能相关的“创新发展”痛点问题,搭建沟通交流的

桥梁,促进和推动主机厂与轮胎厂技术层面和产销层面的合作,旨在更好地推动整个行业技术的发展和共赢。

此次赛事共设置5个奖项,分别对轮胎的干地操控性、湿地操控性、制动性能、噪声及舒适性进行测试评价。车手驾乘车辆在试验场地进行了为期1天的轮胎测试,并针对车辆操纵稳定性、制动性、舒适性及NVH等工况进行解析、评价感受及经验分享。

最终,万力轮胎舒适系列SP022获得驾乘舒适性优胜奖和降噪性能优胜奖。

(本刊编辑部)