

使多余胶料向辊筒两侧流动,造成帘布边部稀线;帘布如出现稀线问题,必须在稀线部位做好标记,以便裁断时将稀线部位剔除。

(7) 帘布压延过程中避免中途停机,保证供胶连续、均匀;划气泡装置运转正常,保证辊筒与胶片间无气泡,避免由于气泡作用将帘线挤成稀线。

3 结语

我公司通过采取严格控制成型时轮胎胶部件接头质量、设定合理的接头机压力、调整压延机辊筒间压力和钢丝张力、保证帘布压延时供胶连续和均匀、避免成型时帘布拉伸等措施,有效解决了全钢子午线轮胎体帘布稀线问题。

Root Cause Analysis of Nonuniform Cords in Carcass of TBR Tire and Corrective Actions

Zhao Jinlong

(Hualin Giti Tire Co., Ltd., Mudanjiang 157032, China)

Abstract: The reasons for thinning cord lines in the carcass of TBR tires during the tire production process were analyzed and the corrective actions were proposed. The causes were defective joint of molded rubber parts, defective cord joint, green tire deformation during storage, incorrect tension and pressure of steel cord during the calendaring process, edge delamination, and stretch of the ply. The corrective actions were strengthening quality control of parts, particularly on the joints, and improvement on the processing parameters, for example, splicer pressure, calendaring pressure and cord tension, in order to guarantee continuous and uniform rubber feed and avoid stretch of the ply. With the corrective actions, the nonuniform cord issue of carcass was effectively solved.

Keywords: nonuniform cord; carcass; TBR tire



2020年全球聚氨酯弹性体市场销售额有望超过730亿美元

据爱尔兰市场咨询机构研究与市场公司预测,到2020年全球聚氨酯弹性体市场销售额有望超过730亿美元。欧洲、亚太地区和美国主导聚氨酯弹性体市场,对全球聚氨酯市场的贡献率约为95%。亚太地区是全球发展最快的聚氨酯弹性体区域市场,预计2014—2020年亚太地区聚氨酯市场的复合年增长率将达到6%。中国是亚太地区最大的聚氨酯市场,也是全球聚氨酯弹性体产量和消费量领先的国家之一。

聚氨酯弹性体用途广泛,从全球范围来看,聚氨酯弹性体消费量中1/3用于鞋业,其余主要用于家具、室内装饰以及汽车行业等。该机构预测,受建筑、家具和汽车行业需求的拉动,2015年全球聚氨酯弹性体市场需求量将达950万t。聚氨酯弹性体分为热固性弹性体和热塑性弹性体,其中热固性弹性体所占的市场份额约为75%。

祝强