

PRI均提高且更稳定,门尼粘度略有提高,波动小;胶块干燥比较彻底,内部没有水汽聚集和局部发白的现象,与水线造粒工序的产能匹配更好,产品质量和生产效率较高。

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Optimization of Drying Process Conditions for Water Washed Granular Ribbed Smoke Sheet Mixed NR

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Abstract: The drying process of the water washed granular ribbed smoke sheet (RSS) mixed NR was optimized, and the two main process conditions of drying temperature and drying time were analyzed. The optimized drying process conditions were determined as follows: the temperature in the high temperature section was 126 °C, and the temperature in the low temperature section was 116 °C, and the step drying time was 150 s. The results showed that the initial plasticity value and plasticity retention index (PRI) of the water washed granular RSS mixed NR were relatively high and stable by using the optimized drying process, and the Mooney viscosity [ML(1+4) 100 °C] could be stabilized between 75 and 80. At the same time, the rubber block was more thoroughly dried and not sticky. There was no water vapor accumulation in the rubber block and no local whitening defect, and the product quality and production efficiency were the best.

Key words: water washed granular ribbed smoke sheet mixed NR; NR; drying process; initial plasticity value; plasticity retention index; Mooney viscosity; production efficiency

通用股份计划在安庆建设子午线轮胎项目

2021年7月1日,江苏通用科技股份有限公司(简称通用股份)发布公告,为进一步优化公司产业结构布局,加速配套业务开拓,提高企业综合竞争能力,公司拟在安徽省安庆市投资约30.62亿元建设年产1 020万条高性能子午线轮胎(包括120万条全钢子午线轮胎、900万条半钢子午线轮胎)项目。

项目建设期为40个月,分两期实施。经测算,项目建成后,预计新增年均营业收入约27.57亿元,年平均净利润约为2.9亿元,税后投资回收期为8.55 a。

安徽省是全国重要的汽车产业基地,整车产品品类丰富,产业集中度高。安庆是皖西南区域中心城市,也是长三角区域一体化发展重点城市。安庆经济开发区目前已形成新能源汽车及零部件和高端装备制造两大产业集群,区内汇集了30多家汽车及零部件企业。

通用股份表示,该项目符合公司战略发展规划,紧抓长三角区域一体化发展机遇,优化公司制造产地布局,能够实现生产前移,更好地贴近整车厂服务,同时辐射周边省份,提高物流服务及市场响应效率,进一步提高公司市场份额。

(本刊编辑部)