

investigated, and compared with emulsion SBR SBR1723. Compared with SBR1723/NR/BR blend, the scorch time of T2830/NR/BR blend was a little shorter, the curing rate was slightly lower; the elongation at break and tear strength of T2830/NR/BR vulcanizates were higher, the hardness, modulus and tensile strength were similar, the slip resistance on wet and dry roads was also similar, and the driving performance on dry road was slightly worse. By using T2830/NR/BR in tire tread compound, the high speed performance, endurance performance and rolling resistance of the tire were similar to the tire with SBR1723/NR/BR. T2830 could be used to replace SBR1723 in tire tread compound.

Keywords: environmentally-friendly oil extended solution SBR; environmentally-friendly oil extended emulsion SBR; tread



信息·资讯

益阳橡机大型平板硫化机组产业化项目通过验收

益阳橡胶塑料机械集团有限公司产业结构调整项目——大型平板硫化机组产业化项目日前顺利通过益阳市发展与改革委员会的验收。

由于国家重大工程建设的提速,矿山、码头等的运输作业对输送带提出了更高的要求,一次性硫化胶带的长度不断增大,长度10 m以上的大规格钢丝绳芯输送带平板硫化机成为输送带主流发展产品,为此益阳橡机对主导产品平板硫化机进行结构调整,由原来只生产长度10 m以下的输送带平板硫化机向大力发展长度10 m以上的大规格钢丝绳芯输送带平板硫化机转变。

大型平板硫化机组产业化项目总投资14641.37万元,获得680万元国家发改委中央预算内资金支持。该项目的实施,实现了益阳橡机机加工车间、重型装配及配套设施的再建设,新增22 m移动龙门数控磨铣床、3 m×6 m数

控龙门移动铣床等大重型数控加工设备11台,重型吊车5台,可起吊最大质量150 t的工件,建成了1条年产30台套大型平板硫化机组生产线,彻底解决了公司生产长度10 m以上的大规格钢丝绳芯输送带平板硫化机组加工能力问题,打破了长期以来制约我国长度10 m以上的大规格钢丝绳芯输送带平板硫化机发展的技术瓶颈,实现了我国高强度大型橡胶输送带生产技术的重大突破。

项目实施阶段,实现相关产品销售收入48890万元,出口创汇1043万美元,其中2台大型平板硫化机组先后出口到日本和巴西的著名橡胶轮胎公司,并有多项技术填补国内空白,项目综合技术达到国际先进水平。益阳橡机预计“十二五”期间可销售大规格钢丝绳芯输送带平板硫化机70台,发展前景良好。 李中宏