

3 结论

(1) SN121在开炼机上的包辊性能和在密炼机中的混炼性能良好,与GW和GS相近,优于CR121。SN121内在质量均匀、稳定。

(2) SN121的门尼焦烧时间和 t_{10} 较长,加工安全性较好,硫化速度适中;门尼粘度与CR121和GW相当;拉伸强度与GW和GS相近,高于CR121。SN121的物理性能与国外同类产品GW和GS相近,优于CR121。

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Properties of Chloroprene Rubber SN121

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Abstract: The basic properties of chloroprene rubber SN121 was investigated and compared with Shanna CR121 and similar foreign products GW and GS. The processing property of SN121 in two roll mill and inner mixer was good, similar to GW and GS, and better than CR121. The product quality was uniform and stable. The Mooney scorch time and t_{10} were long, indicating good processing safety, and the curing speed was moderate. The Mooney viscosity was similar to CR121 and GW. The tensile strength of the vulcanizates was similar to GW and GS, and higher than CR121. Overall, the comprehensive physical properties of SN121 were close to foreign products GW and GS, and better than domestic product CR121.

Keywords: chloroprene rubber; two roll mill mixing; inner mixer mixing; curing characteristics; physical properties

信息·资讯

山东天弘9万t乙丙橡胶项目建成投产

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万t气分换热装置采用了高效节能复合型蒸发式冷却冷凝装置,较传统换热设备节能30%以上。

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