

热源温度无关,而与时间和厚度相关。BPA操作方便,测试周期短、精度高、重现性好,因此应用BPA对胶料进行硫化分析,有助于橡胶配方技术人员设计橡胶硫化工艺和控制生产。

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Study on Temperature Unsaturation and Thermal Diffusion Coefficient of Tread Compound during Curing with BPA

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Abstract: Taking the tread compound of truck and bus radial tire as an example, the temperature unsaturation and thermal diffusion coefficient were measured and calculated by the blow point analyzer (BPA), and the principle and method of the measurement with BPA were discussed. The results showed that, the thermal diffusion coefficient had no relationship with the temperature of the heat source, but it was related with the heating time and the thickness of the compound. The vulcanization analysis with BPA provided help to curing process design and production control.

Key words: truck and bus radial tire; tread compound; blow point analyzer; temperature unsaturation; thermal diffusion coefficient

Alliance再添3款实心Galaxy轮胎

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美国《现代轮胎经销商》(www.moderntiredealer.com)2016年6月7日报道:

Alliance轮胎集团(ATG)推出3款实心Galaxy轮胎:LHD500 SDS L-5, Super Smooth SDS L-5(如图1所示)和YardMaster SDS,这是公司对2015年

推出的第1款实心轮胎Beefy Baby SDS的补充。

这3款新的Galaxy轮胎在2016年6月7—9日拉斯维加斯会议中心举办的WasteExpo 2016上展出。

Alliance轮胎美洲公司营销副总裁Bruce Besancon说,SDS实心轮胎完美契合废弃物管理业。轮胎刺穿破坏发生频率最高和停工费用极高的废料场和转运站的运营商对我们实心轮胎有极大兴趣。

“废物管理公司的堆肥整治工程正在寻求我们的Galaxy和Alliance涵盖的工业甚至农业轮胎产品线。Galaxy Muddy Buddy轮胎非常适宜平滑的堆肥场,而半钢子午线轮胎Alliance Multiuse 550具有全天候性能,是一款高花纹饱和度的垃圾场拖拉机和装载机用轮胎。我们还有用于叉车的Galaxy Bosslift III轮胎和Aeolus系列载重轮胎,我们是垃圾车和垃圾站处理拖车用轮胎的唯一美国经销商。”

(吴淑华摘译 李静萍校)

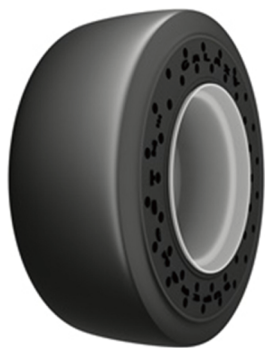


图1 Super Smooth SDS L-5轮胎