

prove the Gas Barrier Property of Isobutylene-isoprene Rubber/Clay Nanocomposites[J]. Polymer Testing, 2008, 27(3): 270-276.

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Microstructure and Properties of Organic Clay/NBR Nanocomposite

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Abstract: The effects of different initial layer spacing of organic clay and preparation method on the microstructure and physical properties of organic clay/NBR nanocomposites were investigated experimentally. The results showed that, the layer spacing of organic clay in the nanocomposite was larger than the initial layer spacing. Compared with the composites prepared by melt method, the physical properties of the nanocomposite prepared by pre-expansion method were better, the dispersion size of organic clay was smaller, and the dispersion phase was finer and more uniform.

Key words: organic clay; NBR; nanocomposite; melt method; pre-expansion method; microstructure

第 9 届中国国际轮胎博览会圆满结束

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2011 年 9 月 9 日, 由北京海富展览服务有限公司主办的第 9 届中国国际轮胎博览会在上海光大会展中心圆满结束。此届展会是展览面积最大的一届, 展览面积超过 2.2 万 m², 展商将近 300 家。

2010 年, 尽管全球经济气候变幻莫测, 但中国轮胎在世界市场上的占有率继续增长。作为亚洲领先的轮胎贸易平台——中国国际轮胎博览会, 集中了全球及全国轮胎及周边产品的购买力, 迎接了 7 200 名专业买家, 其中 3 030 名买家来自中国大陆以外的 103 个国家和地区, 超出了各参展商的期望。

展商方面, 除了中国的本土企业, 还包括国外品牌驻中国的代表以及来自五大洲包括美国、英国、德国、荷兰、印度、意大利、白俄罗斯、新加坡、韩国、中国台湾省等国家和地区的境外展商。

据现场展商反馈, 本届展会接待的客户含金量高、数量多。一些国内外的专业买家也反馈展商多, 产品品种广泛, 为他们提供了一个高效的采购及寻找合作伙伴的机会。

为了提高展会的可观性, 并协助中国轮胎产品更顺畅地走出国门, 主办方专程从美国国家交通部公路安全局(NHTSA)及上海市质量技术监督局邀请专家举行了研讨会, 介绍美国轮胎的最新标准并探讨轮胎质量问题。

(北京海富展览服务有限公司 张学军)