

表4 胶料物理性能

项 目	隔离剂C-66	隔离剂A	隔离剂B	空白
门尼粘度[ML (1+4) 100 °C]	63	63	63	63
门尼焦烧时间 $t_5$ (125 °C) /min	17	16	16	17
硫化仪数据 (180 °C)				
$M_H$ / (N · m)	3.42	3.40	3.41	3.44
$t_{90}$ /min	1.47	1.40	1.42	1.48
压出胶片粘合强度/kPa	4.90	6.90	7.80	粘连
硫化胶性能 (160 °C × 15 min)				
邵尔A型硬度/度	73	73	73	73
300%定伸应力/MPa	16.17	15.97	16.07	16.17
拉伸强度/MPa	23.42	22.05	23.13	23.32
拉断伸长率/%	415	439	422	412

度快、混合温度高、搅拌时间长、泡沫多以及胶片附着物分散不均、溜片、干燥时间长、粘连等问

题。隔离剂C-66隔离效果好,对胶料的物理性能和工艺性能无不良影响。

## Preparation and Properties of Rubber Release Agent C-66

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**Abstract:** The preparation process of new rubber release agent C-66 was introduced and the release performance was evaluated. The experimental results showed that C-66 could be easily dispersed in water at room temperature, with excellent stability and fast defoaming speed. After the rubber sheet was dipped in the aqueous dispersion of C-66, it dried quickly and the release agent was uniformly deposited. C-66 prevented the rubber sheets from sticking during storage, was well tolerated by the rubber and there was no influence on flow properties or other compound properties during vulcanization.

**Keywords:** rubber; release agent; rubber sheet



### 北美最大翻新轮胎厂即将在加拿大投产

加拿大绿弧 (Green Arc) 轮胎制造公司投资3700万加元在加拿大安大略省圣玛丽建设的北美最大翻新轮胎厂预计2014年2月开始运营。

该厂可翻新轿车轮胎、SUV轮胎和轻卡子午线轮胎,其轮胎年翻新能力为300万条,可为当地提供340个就业岗位。

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