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## Extrusion of Short-fibre Reinforced Flexible Hose Controlled by Computer

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**Abstract** A set-up of an extruder line of short-fibre reinforced flexible hose controlled by computer and its advantages were introduced. The reinforcing principle of short-fibre and its application were described, including the features of Monsanto extruder die, the factors affecting the orientation of fibre, the properties of Santoweb, the compounding and processing technology of rubber hose reinforced with Santoweb, and the features of Nieden extruder with intense mixing screw. It was pointed that the short-fibre was a prospective kind of reinforcing material for rubber; Computa Hose (Extruder Line of Flexible Hose Controlled by Computer) was in good performance; the flexible hose reinforced with short-fibre would find application in the automotive service and become O. E. in domestic new vehicle.

**Keywords** short-fibre reinforcement, flexible hose, fibre orientation, extruder die, extruder screw, computer-controlled

### 天然橡胶价格缓慢回落

1994年初以来,天然橡胶价格以每月10%—15%的幅度暴涨。至8月中旬,进口3<sup>#</sup>胶已涨至1.6万元(吨价,下同)。但从8月中下旬开始,天然橡胶价格开始缓慢回落,至9月上旬,进口胶价格跌至1.45万元,国产胶也回落到1.32万元左右。

天然橡胶价格回落的原因是多方面的。主要有:国家紧急进口的数万吨橡胶已陆续到货,缓和了生胶紧缺之势;部分轮胎、橡胶制品企业因不能承受生胶价格上涨的影响,只能停产或半停产,使生胶需求量骤然减少;6—10月是天然橡胶生产的“黄金季节”,国产生胶量增加,外商报价也随之回落。

但是,对橡胶价格回落的幅度不能抱太乐观的态度。这是因为:世界主要产胶国泰国因受雨季延长的影响,产量不容乐观;印度尼西亚受早期延长的影响,下半年橡胶将减产

7%左右,且1994年初引发的劳资关系仍未缓和。据印尼橡胶联合会副主席阿斯里在前不久发表的统计数字看,印尼1994年上半年橡胶仅增长2%,和下半年减产抵消后,印尼1994年橡胶减产4%左右。

目前,有相当部分的轮胎、橡胶企业持观望态度,希望胶价进一步下落,再去采购生胶等原材料。但是8—11月乃是橡胶生产的“黄金季节”,机不可失,时不我待。目前外商报价仍维持在1100—1200美元左右,由于我国汇率并发且附加增值税等,据测算,橡胶到岸价为1.28万—1.30万元。据上海化工交易市场公布的橡胶行情,9—12月天然橡胶的期货价为1.35万—1.39万元。因此,天然橡胶目前的价格仍会较长时间维持在1.35万—1.45万元的价位上,回落到1993年的7000—8000元的价位希望渺茫。

(摘自《中国汽车报》,1994,11,7)