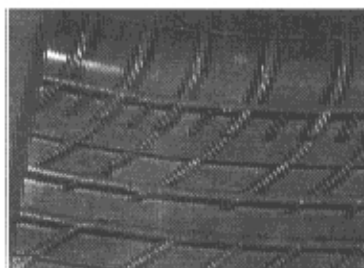


a



b

图 4 涂层转移法精密铸造的子午线轮胎模具

a—轮胎模具整体; b—轮胎模具局部

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Application of Coat Transfer Precise Casting Technology to Manufacture of Radial Tire Mold

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Abstract The fast manufacturing system of radial tire mold in which CAD, fast cast form technology and material technology are combined is a unique advanced manufacturing technology. The system takes advantage of arbitrary and repeatable characteristics of liquid materials for forming resulting in good suitability, short manufacture period and low cost.

Keywords radial tire mold, fast forming, precise casting, CAD

日本轮胎用橡胶量趋减

据日本汽车轮胎协会公布的预测, 1997 年日本的轮胎用橡胶总需求量将为 106 万 t, 将比 1996 年减少。新车用轮胎将随着成品车生产的减少而减少, 出口用轮胎生产也将因为原材料价格上涨而下降。

该协会预测, 今年新车轮胎生产用橡胶量预计为 20.6 万 t, 出口轮胎用橡胶量预计为 43.2 万 t, 将分别比去年减少 2% 和 1.7%。随着汽车使用量的增加和车龄的增长, 预计供修理轮胎用橡胶量将增加 0.8%。

(摘自《中国化工报》, 1997, 2, 24)