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Characteristics of Environmentally Friendly Air Blocker NM360 and Its Application in the Inner Liner Compound of Radial Tire

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Abstract: The environmentally friendly Air Blocker NM360 was introduced and its application in the inner liner compound of LTR tire and TBR tire was presented. The experimental test results showed that, by using 10 phr of NM360 in the compound and decreasing the addition level of carbon black N660 by 10 phr, the processing properties of the compound were improved, the air tightness of the finished tire increased significantly, the high speed performance and endurance performance of the finished tire were improved, and the cost of the compound was reduced by 4%.

Keywords: air blockers NM360; inner liner; air tightness; radial tire

信息·资讯

2014年我国合成橡胶进出口量下降

据中国海关统计, 2014年我国包括热塑性丁苯橡胶在内的8大基本合成橡胶胶种(不包括胶乳, 下同)的总进口量为125.85万t, 同比下降1.61%。其中, 丁苯橡胶进口量为32.82万t, 同比下降8.81%; 聚丁二烯橡胶进口量为20.69万t, 同比下降11.28%; 丁基橡胶进口量为26.89万t, 同比增长6.79%; 热塑性丁苯橡胶进口量为3.78万t, 同比下降12.30%; 丁腈橡胶进口量为7.42万t, 同比下降6.08%; 氯丁橡胶进口量为1.97万t, 同比下降1.50%; 乙丙橡胶进口量为30.11万t, 同比增长19.34%; 异戊二烯橡胶进口量为2.17万t, 同比下降45.48%。

8大基本合成橡胶胶种的总出口量为13.82万t, 同比下降15.27%。其中, 丁苯橡胶出口量为6.39万t, 同比下降26.72%; 聚丁二烯橡胶出口量为2.48万t, 同比下降26.41%; 丁基橡胶出口量为1.14万t, 同比下降27.39%; 热塑性丁苯橡胶出口量为2.21万t, 同比增长84.17%; 丁腈橡胶出口量为0.67万t, 同比增长26.41%; 氯丁橡胶出口量为0.31万t, 同比下降11.43%; 乙丙橡胶出口量为0.44万t, 同比增长41.93%; 异戊二烯橡胶出口量为0.18万t, 同比下降30.77%。

崔小明