CLAIMS

1. An elastomeric composition comprising, per 100 parts by weight of rubber (phr):
0 to 25 phr of polybutadiene having a cis-1,4 linkage content of at least 95%;
75 to 100 phr of a styrene/butadiene copolymer;
10 to 30 phr of a processing oil;
50 to 70 phr of a filler;
a curative agent;
an antioxidant;
a silane coupling agent; and
5 to 40 phr of a propylene-ethylene-diene terpolymer.

2. The elastomeric composition of claim 1, wherein the elastomeric composition has a glass transition temperature of between -25°C and 0°C.

3. The elastomeric composition of any preceding claim, wherein the propylene-ethylene-diene terpolymer is present in the amount of 5 phr to 25 phr.

4. The elastomeric composition of any preceding claim, wherein the propylene-ethylene-diene terpolymer contains from 1 wt% to 8 wt% of a constitutional unit derived from ethylidene norbornene based on the terpolymer.

5. The elastomeric composition of any preceding claim, wherein the propylene-ethylene-diene terpolymer contains from 5 wt% to 25 wt% of a constitutional unit derived from ethylene based on the terpolymer.

6. The elastomeric composition of any one of claims 1 to 4, wherein the propylene-ethylene-diene terpolymer contains from 72 wt% to 95 wt% of a constitutional unit derived from propylene based on the terpolymer.

7. The elastomeric composition of any preceding claim, wherein the glass transition temperature (Tg) of the propylene-ethylene-diene terpolymer is from 20ºC to -60ºC.

8. The elastomeric composition of any preceding claim, wherein the melt flow rate (MFR) at 2.16 kg weight at 230ºC of the propylene-ethylene-diene terpolymer is from 0.1 to

15 g/10 min.

9. A method of making the elastomeric composition of claims 1-8, comprising the steps of:

(a) blending polybutadiene, the styrene/butadiene copolymer, the filler, the processing oil, the antioxidant, the silane coupling agent, and the propylene-ethylene-diene terpolymer to form a first component at a temperature in the range from 110°C to 200°C;

(b) blending the curative agent with the first component at a temperature in the range of less than 110°C; and

(c) recovering the elastomeric composition.

10. A method of balancing the wet traction performance and rolling resistance in a tire tread comprising the elastomeric composition of claims 1-8:

combining the filler, the processing oil, the antioxidant, the silane coupling agent, polybutadiene, the styrene/butadiene copolymer, and the curative agent with one or more of the propylene-ethylene-diene terpolymer to form the tire tread; and

effecting a cure of the components to form a tire tread,

wherein mol % of the propylene-ethylene-diene terpolymer(s) relative to the other components, and its comonomer content, is varied to improve the balance of wet traction and rolling resistance of a tire tread.