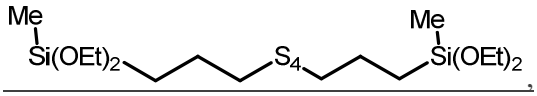
CLAIMS

1. An elastomeric composition comprising, per 100 parts by weight of rubber (phr): ~~about~~ 100 phr of a diene elastomer; 0 to ~~about~~ 80 phr of processing oil; 0 to ~~about~~ 80 phr of a hydrocarbon resin; ~~about~~ 60 to ~~about~~ 140 phr of filler; a curative agent; and ~~about~~ 5 to ~~about~~ 30 phr of a silane functionalized propylene-ethylene-diene terpolymer comprising from ~~about~~ 2 to ~~about~~ 40 wt % of ethylene ~~and/or~~ and C_4-C_{20} α-olefins derived units, and from ~~about~~ 0.5 to ~~about~~ 10 wt % of diene derived units~~.~~,

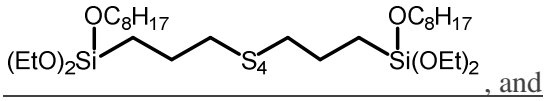
wherein the silane functionalized propylene-ethylene-diene terpolymer is functionalized by a silane coupling agent selected from the group consisting of

[Chemical formula 2]



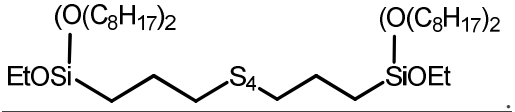
,

[Chemical formula 4]



, and

[Chemical formula 5]



.

~~2. The elastomeric composition of claim 1, wherein the filler is a silica-based filler.~~

~~3. The elastomeric composition of claim 1, wherein the filler is a carbon black filler.~~

~~4. The elastomeric composition of claim 1, wherein the filler is blend of silica-based filler and a carbon black filler.~~

~~5.~~2. The elastomeric composition of any preceding claim, wherein the propylene-ethylene-diene terpolymer contains from 0.5 wt % to 10 wt % ethylidene norbornene based on the terpolymer.

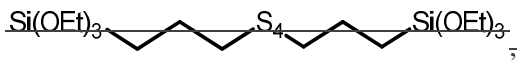
~~6.~~3. The elastomeric composition of any preceding claim, wherein the propylene-ethylene-diene terpolymer contains from 2 wt % to 20 wt % ethylene based on the terpolymer.

~~7.~~4. The elastomeric composition of any preceding claim, wherein the propylene-ethylene-diene terpolymer contains 60 wt % to 95 wt % propylene based on the terpolymer.

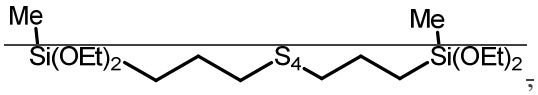
~~8.~~5. The elastomeric composition of any preceding claim, wherein the melt flow rate (MFR) at 2.16 kg weight at 230°C of the propylene-ethylene-diene terpolymer is from ~~about~~ 0.2 to ~~about~~ 10 g/10 min.

~~9.~~6. The elastomeric composition of any preceding claim, wherein the diene elastomer is a styrene-butadiene rubber, a functionalized diene rubber, a styrenic copolymer, a polybutadiene, natural rubber, a polyisoprene, a butadiene copolymer, an isoprene copolymer or blends thereof.

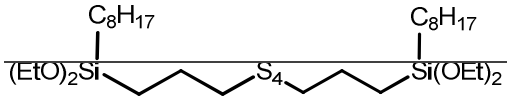
~~10. The elastomeric composition of any preceding claim, wherein the silane functionalized propylene-ethylene-diene terpolymer is functionalized by a silane coupling agent selected from the group consisting of~~



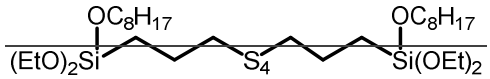
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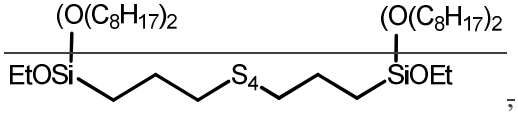


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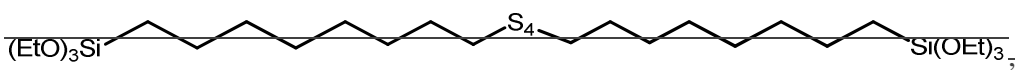


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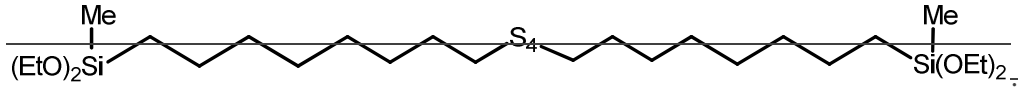




~~,~~



~~, and~~



~~11. A tire tread composition comprising the elastomeric composition of any preceding claim.~~

~~12.~~7. ~~The~~ A tire tread composition ~~of claim 11~~ comprising the elastomeric composition of any preceding claim, wherein the tire tread composition further comprises a second silane coupling agent.

~~13.~~8. A method of making the elastomeric composition of claims ~~1-10~~ 1-6, comprising the steps of:

(a) blending polybutadiene, styrene/butadiene copolymer, natural rubber or polyisoprene, the filler, the processing oil, and the silane functionalized propylene-ethylene diene terpolymer to form a first component at a temperature in the range from ~~about~~ 110°C to ~~about~~ 200°C;

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

(c) recovering the elastomeric composition.

~~14.~~9. A method of balancing the wet traction performance and rolling resistance in a tire tread comprising the elastomeric composition of claims ~~1-10~~ 1-6:

(a) combining at least the filler, polybutadiene, styrene/butadiene copolymer, natural rubber or polyisoprene and the curative agent with one or more of the silane functionalized propylene-ethylene-diene terpolymers to form the tire tread;

(b) effecting a cure of the components to form a tire tread; and

wherein the level of the silane functionalized propylene-ethylene-diene terpolymer(s) relative to the other components, and its comonomer content, can be varied to improve the balance of wet traction and rolling resistance of a tire tread.