What is claimed is:

1. A composition comprising:

a base elastomer, wherein the base elastomer comprises an elastomer selected from the group consisting of: nitrile butadiene, carboxylated acrylonitrile butadiene, hydrogenated acrylonitrile butadiene, carboxylated hydrogenated acrylonitrile butadiene, tetrafluoroethylene, a fluorocarbon, perfluoroelastomer, and any combination thereof;

a curative agent, wherein the curative agent is present in an amount of from 4 to 15 parts per hundred of the base elastomer; and

a semi-crystalline polymer, wherein the semi-crystalline polymer comprises a polymer selected from the group consisting of: a polyamide, polyphenylene sulfide, crystalline polystyrene, polyetherether ketone, polyether ketone, a thermoplastic polyimide, a polyester, and any combination thereof;

wherein the base elastomer and the semi-crystalline polymer are both polar, and a backbone of the semi-crystalline polymer comprises at least one polar monomer.

2. The composition of claim 1 further comprising a filler selected from the group consisting of: carbon black, silica, fibers, and any combination thereof.

3. The composition of claim 1 wherein the curative agent comprises a compound selected from the group consisting of: an organic peroxide, a sulfur compound, an azo compound, and any combination thereof.

4. The composition of claim 1 wherein the semi-crystalline polymer is present in an amount of from 5 to 25 parts per hundred of the base elastomer.

5. A tool comprising:

at least one component comprising a vulcanized elastomer, wherein the vulcanized elastomer comprises a base elastomer, a curative agent, and a semi-crystalline polymer;

wherein the base elastomer comprises an elastomer selected from the group consisting of: nitrile butadiene, carboxylated acrylonitrile butadiene, hydrogenated acrylonitrile butadiene, carboxylated hydrogenated acrylonitrile butadiene, tetrafluoroethylene, a fluorocarbon, perfluoroelastomer, and any combination thereof;

wherein the curative agent is present in an amount of from 4 to 15 parts per hundred of the base elastomer;

wherein the semi-crystalline polymer comprises a polymer selected from the group consisting of: a polyamide, polyphenylene sulfide, crystalline polystyrene, polyetherether ketone, polyether ketone, a thermoplastic polyimide, a polyester, and any combination thereof; and

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wherein the base elastomer and the semi-crystalline polymer are both polar, and a backbone of the semi-crystalline polymer comprises at least one polar monomer.

6. The tool of claim 5 wherein the vulcanized elastomer further comprises a filler selected from the group consisting of: carbon black, silica, fibers, and any combination thereof.

7. The tool of claim 5 wherein the semi-crystalline polymer is present in the vulcanized elastomer in an amount of from 5 parts per hundred of the base polymer to 25 parts per hundred of the base elastomer.

8. A method comprising:

blending a base elastomer, a curative agent, and a semi-crystalline polymer to form a mixture;

placing the mixture in a mold; and

vulcanizing the mixture,

wherein the base elastomer comprises an elastomer selected from the group consisting of: nitrile butadiene, carboxylated acrylonitrile butadiene, hydrogenated acrylonitrile butadiene, carboxylated hydrogenated acrylonitrile butadiene, tetrafluoroethylene, a fluorocarbon, perfluoroelastomer, and any combination thereof;

wherein the curative agent is present in an amount of from 4 to 15 parts per hundred of the base elastomer;

wherein the semi-crystalline polymer comprises a polymer selected from the group consisting of: a polyamide, polyphenylene sulfide, crystalline polystyrene, polyetherether ketone, polyether ketone, a thermoplastic polyimide, a polyester, and any combination thereof; and

wherein the base elastomer and the semi-crystalline polymer are both polar, and a backbone of the semi-crystalline polymer comprises at least one polar monomer.

9. The method of claim 8 wherein the mixture further comprises a filler selected from the group consisting of: carbon black, silica, fibers, and any combination thereof.

10. The method of claim 8 wherein the curative agent comprises a compound selected from the group consisting of: an organic peroxide, a sulfur compound, an azo compound, and any combination thereof.

11. The method of claim 8 wherein the semi-crystalline polymer is present in an amount of from 5 parts per hundred of the base polymer to 25 parts per hundred of the base elastomer.

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