Claims

1. A composition comprising: a polyolefin; particles of inorganic mineral comprising a surface treatment component; and a thermal stabilizer; wherein the inorganic mineral comprises talc, calcium carbonate, precipitated calcium carbonate, clay, ~~or~~ silica, or any combination of talc, calcium carbonate, precipitated calcium carbonate, clay, and silica, and wherein the surface treatment component comprises a polysorbate.

2. The composition of claim 1, wherein the inorganic particles comprise a median particle size of 0.1 to 10 microns.

3. The composition of claim 1, wherein the inorganic mineral comprises talc.

4. The composition of claim 1, wherein the ratio of the weight percent of the surface treatment component in the composition to the weight percent of the inorganic mineral in the composition is 0.1 to 5.

5. The composition of claim 1, wherein the ratio of the weight percent of the surface treatment component in the composition to the weight percent of the inorganic mineral in the composition is 0.4 to 0.8.

6. The composition of claim 1, wherein the surface treatment component blocks sites on the particles that can adsorb the thermal stabilizer, and wherein the thermal stabilizer constitutes 0.02 to 1.0 weight percentage of the composition.

~~7. A method of forming a composition, the method comprising:~~

~~forming a surface treatment coating over surfaces of particles of inorganic mineral, wherein the inorganic mineral comprises talc, calcium carbonate, precipitated calcium carbonate, clay, or silica, wherein the surface treatment coating comprises polysorbate;~~

~~melt compounding the coated particles with a polyolefin comprising a thermal stabilizer to form a composition comprising the coated particles dispersed throughout~~

~~a polyolefin matrix, wherein the surface treatment coating inhibits adsorption of the thermal stabilizer on the particles during the compounding so that the thermal stabilizer is dispersed throughout the polyolefin matrix.~~

~~8. The method of claim 7, wherein the inorganic mineral comprises talc.~~

~~9. The method of claim 7, wherein the thermal stabilizer constitute 0.02 to 1.0 weight percentage of the composition.~~

~~10. The method of claim 9, wherein a ratio of polysorbate to inorganic mineral is 0.1 to 5 weight %.~~

~~11. The method of claim 9, wherein a ratio of polysorbate to inorganic mineral is 0.4 to 0.8 weight %.~~

~~12. The method of claim 7, wherein the inorganic particles comprise a median particle size of 0.1 to 10 microns.~~