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(54) Title: STABILIZATION OF THERMOPLASTIC NANOCOMPOSITES

(57) Abstract: The instant invention discloses a nanocomposite material comprising (a) a synthetic polymer, (b) a natural or syn-
thetic phyllosilicate or a mixture of such phyllosilicates in nanoparticles, (c) a phenolic antioxidant and/or a processing stabilizer,
and (d) a mono or polyfunctional compound selected from the class consisting of the epoxides, oxazolines, oxazolones, oxazines,
isocyanates and/or anhydrides.

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