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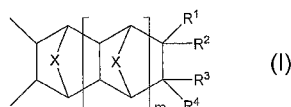
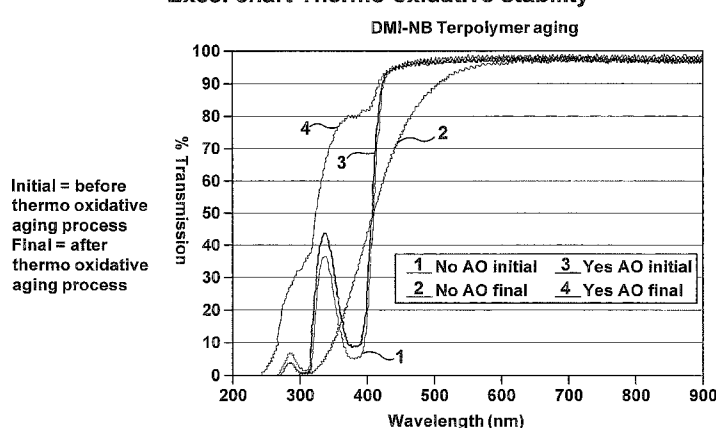
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[Continued on next page]

(54) Title: DIRECTLY PHOTODEFINABLE POLYMER COMPOSITIONS AND METHODS THEREOF

Excel chart Thermo oxidative stability



(57) Abstract: A polymer includes a first type of repeat unit represented by Formula I, where X is selected from -CH₂-, -CH₂-CH₂-, or -O-; m is an integer from 0 to about 5; and where for the first type of repeat unit one of R¹, R², R³, and R⁴ is one of a maleimide containing group and for the second type of repeat unit one of R¹, R², R³, and R⁴ is a hindered aromatic group, a C₈ or greater alkyl group, a C₄ or greater halohydrocarbyl or perhalocarbyl group, a C₇ or greater aralkyl group, or a heteroatom hydrocarbyl or halohydrocarbyl group.

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