

POLYCARBONATE COMPOSITIONS COMPRISING HINDERED AMINE LIGHT  
STABILIZERS AND ULTRAVIOLET LIGHT ABSORBERS

ABSTRACT

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Weatherable polycarbonate compositions (formulations or blends) comprise at least one of a piperazinone and piperazine dione based HALS, and at least one of a benzotriazole, benzophenone, triazine, oxanilide, and cyanoacrylate based UVA. The combination of these HALS and UVA exhibits a synergy that results in enhanced protection of the polycarbonate compositions by imparting photostability to the polycarbonate formulations, thereby reducing yellowing or other forms of light induced degradation.

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Figure 1