

Abstract of the Invention

POLYPHTHALAMIDE RESIN FORMULATIONS

5 Polyphthalamide formulations containing from 0.1 to about 2 wt% alkali metal halide have a significantly reduced melt viscosity and both filled and unfilled resin formulations containing the requisite amount of alkali metal halide are more readily processed by thermal means. When stabilized with a copper-containing stabilizer and, optionally, a polyolefin synergist the formulations exhibit substantially improved dry heat stability and are particularly useful in the production of thermally-stabilized melt spun polyphthalamide fiber for applications where extended exposure to elevated temperatures in air is contemplated.