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(54) Title: CARBON BLACK REHEAT ADDITIVE FOR POLYESTER AND POLYPROPYLENE

(57) Abstract: Reheat characteristics of polyethylene and polypropylene resins, including reheating time and resin color, are improved by adding to the resin carbon black with a primary particle size in the range of 200 to 500 nm as an infrared absorber. Thermal carbon blacks having this primary particle size are preferred over Furnace carbon blacks. Injection stretch-blow molded bottles and other thermoformed products are made from resins with carbon black infrared absorber.

