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Improved Infrared Absorbing Polyester Packaging Polymer

Abstract

The present invention relates to a polyester polymer
5 composition containing graphite in the range of about 3-60
parts per million based on the polyester. The size of the
graphite particles is greater than about 0.5 μ m. As an upper
limit, however, any particle size which is not visible to the
naked eye is acceptable. Such polyester polymers having
10 graphite incorporated therein absorb infrared radiation
better than polymers containing no graphite and thus in the
production of plastic bottles less energy is required to heat
the preform so that it can be blow molded into a bottle.

No suitable figure is suggested



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