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(54) Title: PROCESS FOR THE PREPARATION OF CROSS-LINKED PBT PARTICLES

(57) Abstract: The present invention relates to a process for the preparation of discrete particles prepared from a cross-linkable PBT, at least one additive and/or at least one colorant, 5 comprising the steps of mixing together the components, extruding the material, cooling and pelletizing the material, cross-linking the pellets using gamma radiation, electron beam radiation, or heating in an oven, and optionally grinding into particles with an average particle size between 1 and 1000 µm. The present invention further relates to the use of said cross-linked PBT particles for 10 making a polychromatic article which comprises a transparent or translucent thermoplastic material having said cross-linked PBT particles uniformly dispersed therein.



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