

Title (en)

POLYESTER RESIN FOR THE PRODUCTION OF HIGH-TRANSPARENCY, NEUTRAL-COLOURED ARTICLES.

Title (de)

POLYESTERHARZ ZUR HERSTELLUNG VON GEGENSTÄNDEN MIT HOHER KLARHEIT UND NEUTRALER FARBE.

Title (fr)

RESINE POLYESTER POUR FABRIQUER DES OBJETS D'UNE TRANSPARENCE ELEVEE ET DE COULEUR NEUTRE.

Publication

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Application

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Priority

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Abstract (en)

[origin: WO9401482A1] The invention concerns a polyester resin for the production of thick-walled bottles of high transparency and neutral colour. This polyester resin, which contains at least one antimony compound, one germanium compound and one phosphorous compound, is produced by reacting a dicarboxylic acid with polyhydric alcohols. It also contains cyclohexanedimethanol. As the polyhydric alcohols, a mixture of ethylene glycol and at least 0.5 % of cyclohexanedimethanol is used. This gives, in particular, a low crystallization rate, permitting the manufacture of thick-walled hollow articles.

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IPC 8 full level

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