

Title (en)
POLYESTER COMPOSITIONS WHICH COMPRISE TETRAMETHYLCYCLOBUTANEDIOL, CYCLOHEXANEDIMETHANOL AND ETHYLENE GLYCOL, AND MANUFACTURING PROCESSES THEREFOR

Title (de)
POLYESTERZUSAMMENSETZUNGEN MIT TETRAMETHYLCYCLOBUTANDIOL, CYCLOHEXANDIMETHANOL UND ETHYLENGLYCOL SOWIE HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)
COMPOSITIONS DE POLYESTER COMPRENANT TÉTRAMÉTHYLCYCLOBUTANEDIOL, CYCLOHEXANEDIMÉTHANOL ET ÉTHYLÈNEGLYCOL, ET MÉTHODES DE PRODUCTION DESDITES COMPOSITIONS

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- US 58890606 A 20061027
- US 2006041917 W 20061027
- US 2006042291 W 20061027
- US 2006042292 W 20061027
- US 58852706 A 20061027
- US 58890706 A 20061027
- US 2006042293 W 20061027
- US 58855406 A 20061027
- US 58852406 A 20061027
- US 2006042069 W 20061027
- US 58845806 A 20061027
- US 63543306 A 20061207
- US 63543406 A 20061207
- US 70647607 A 20070214
- US 70679107 A 20070214
- US 2007007532 W 20070327
- US 2007007632 W 20070327
- US 2007010551 W 20070502
- US 2007010590 W 20070502
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- US 91731607 P 20070510
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Abstract (en)
[origin: WO2008051320A1] Described as one aspect of the invention are polyester compositions comprising at least one polyester which comprises: (a) a dicarboxylic acid component comprising: (i) about 90 to about 100 mole % of terephthalic acid residues; (ii) about 0 to about 10 mole % of aromatic and/or aliphatic dicarboxylic acid residues having up to 20 carbon atoms; and (b) a glycol component comprising: (i) about 20 to about 40 mole % 2,2,4,4-tetramethy-1,3- cyclobutanediol residues; and (ii) about 20 to about 40 mole % cyclohexanedimethanol residues; (iii) ethylene glycol residues, and (iv) less than about 2 mole % of a modifying glycol having from 3 to 16 carbon atoms; wherein the total mole % of the dicarboxylic acid component is 100 mole %, and wherein the total mole % of the glycol component is 100 mole %; and wherein the inherent viscosity of the polyester is from 0.50 to 1.2 dL/g as determined in 60/40 (wt/wt) phenol/ tetrachloroethane at a concentration of 0.25 g/50 ml at 25°C. The polyesters may be manufactured into articles.

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