

Title (en)
THERMOPLASTIC MOULDING MATERIALS BASED ON POLYETHYLENE TEREPHTHALATE FOR USE IN INJECTION MOULDING OF PARTS

Title (de)
THERMOPLASTISCHE FORMMASSEN AUF BASIS VON POLYETHYLENTEREPHTHALAT ZUM SPRITZGIESSEN VON FORMTEILEN

Title (fr)
MATIERES MOULABLES THERMOPLASTIQUES A BASE DE POLYETHYLENTEREPHTHALATE POUR MOULAGE PAR INJECTION DE PIECES

Publication
EP 0868487 A1 19981007 (DE)

Application
EP 96944577 A 19961216

Priority

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Abstract (en)
[origin: DE19548319A1] A thermoplastic moulding material based on polyethylene terephthalate contains preferably 37-96 wt % PET, 1-20 wt % polymer material containing preferably polyurethane, and approximately 4-30 wt % pigment-type stiffening agent of, in particular, metal and/or metal oxide CrO₂. The moulding materials can be advantageously processed in injection moulding and the resulting mouldings have advantageous properties, in particular higher density, compared to a comparable glass fibre-filled polybutylene terephthalate (PBT). The proposed thermoplastic moulding material can be advantageously used for small parts and housing parts, especially for electronic and data-processing devices.

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