

Title (en)
TRANSPARENT HARD THERMOPLASTIC POLYURETHANES

Title (de)
TRANSPARENTE HARTE THERMOPLASTISCHE POLYURETHANE

Title (fr)
POLYURÉTHANES THERMOPLASTIQUES DURS TRANSPARENTS

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Abstract (en)
[origin: WO2019243334A1] The present invention relates to a thermoplastic polyurethane which are obtainable or obtained by the reaction of a polyisocyanate composition, a chain extender and a polyol composition, wherein the polyol composition comprises at least one polyol (P1) having a molecular weight Mw in the region of 500 to 2500 g/mol and comprising at least one aromatic polyester block (B1), wherein the Polyol (P1) has 20 to 70 wt.-% of the aromatic polyester-blocks (B1) with respect to the total polyesterpolyol (P1). The present invention also relates to a method for producing a shaped body comprising such a thermoplastic polyurethane, and to shaped bodies obtainable or obtained by a claimed method.

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