

Title (en)
THERMOPLASTIC COPOLYIMIDES

Title (de)
THERMOPLASTISCHE COPOLYIMIDE

Title (fr)
COPOLYIMIDES THERMOPLASTIQUES

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Application
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Priority

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Abstract (en)
[origin: WO2013041532A1] The invention relates to semi-crystalline and semi-aromatic thermoplastic copolyimides obtained by the polymerisation of at least: (a) an aromatic compound comprising two anhydride functions and/or the carboxylic acid and/or ester derivatives thereof; (b) a diamine of formula (I) NH₂-R-NH₂ wherein R is a hydrocarbonated and aliphatic divalent radical, optionally comprising heteroatoms, the two amine functions being separated by a number of carbon atoms X, X being between 4 and 12; and (c) a diamine of formula (II) NH₂-R'-NH₂ wherein R' is a hydrocarbonated and aliphatic divalent radical, optionally comprising heteroatoms, the two amine functions being separated by a number of carbon atoms Y, Y being between 10 and 20; with the proviso that diamine (b) is different from diamine (c).

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