

Title (en)
THERMOPLASTIC POLYURETHANE ELASTOMERS (TPUs) PREPARED WITH POLYTRIMETHYLENE CARBONATE SOFT SEGMENT

Title (de)
THERMOPLASTISCHE POLYURETHANELASTOMERE (TPUS), DIE WEICHSEGMENTE AUS POLYTRIMETHYLENCARBONAT ENTHALTEN

Title (fr)
ELASTOMERES DE POLYURETHANE THERMOPLASTIQUES (TPUS) PREPARES AVEC UN SEGMENT SOUPLE DE CARBONATE DE POLYTRIMETHYLENE

Publication
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Application
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Abstract (en)
[origin: WO0172867A2] A thermoplastic polyurethane elastomer (TPU) composition which comprises: a) a poly(trimethylene carbonate) diol (PTMC diol) as the soft segment; b) a diisocyanate; and c) at least one glycol which reacts with the diisocyanate to form the hard segment which comprises from 10 % to 55 % by weight of the composition wherein the hard segment is defined as the sum portion of diisocyanate that reacts with the glycol plus the unreacted glycol.

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IPC 8 full level
C08G 18/44 (2006.01); **C08G 18/65** (2006.01); **C08G 18/66** (2006.01)

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