

Title (en)

POLYCARBONATE HAVING A LOW SHEAR THINNING RATIO

Title (de)

POLYCARBONAT MIT GERINGEM SCHERENTZÄHUNGSVERHALTEN

Title (fr)

POLYCARBONATE PRESENTANT UN FAIBLE RAPPORT DE DILUTION PAR CISAILLEMENT

Publication

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Application

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Abstract (en)

[origin: WO02077064A1] The invention relates to a polycarbonate which is polymerised by fusion and has a shear thinning ratio (γ) defined by the limiting values of the following equation: $(Q) c + ax^{ > \gamma > -c+ax^{ >$ provided that $\gamma \geq 1$; a, b and c are constants; $c = 0.3$ to 0.1 ; $b = 14.831 \pm 0.05$ to 0.02 ; $a = 0.1262 \pm 0.005$ to 0.003 ; and x represents the relative viscosity of the polycarbonate. Said polycarbonate has the same flow behaviour as a linear polycarbonate of comparable molecular weight, obtained according to the interfacial method.

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