

Title (en)
THERMOFORMABLE CAST POLY(METHYL METHACRYLATE)

Title (de)
THERMOFORMBARES GUSSPOLYMETHYLMETHACRYLAT

Title (fr)
POLY(METHYL METHACRYLATE) COULE THERMOFORMABLE

Publication
EP 0914358 A1 19990512 (EN)

Application
EP 97933765 A 19970725

Priority
• GB 9702020 W 19970725
• GB 9615607 A 19960725

Abstract (en)
[origin: WO9804603A1] A curable composition capable of being cured to form a thermoformable cast poly(methacrylate) comprising at least from 95 % by weight of a syrup which is a solution of a poly(methacrylate) in a curable monomeric methacrylate, from 0.05 to 0.1 % by weight of at least one initiator capable of initiating the curing of the curable monomeric methacrylate, from 0.0001 to 0.0005 % by weight of a catalytic chain transfer agent which is or which is derived from a cobalt chelate, from 0.05 to 0.1 % by weight of a cross-linking agent; and optionally one or more of conventional additives selected from splitting aids, pigments, peak suppressors and stabilisers. A thermoformable sheet formed from such a composition and a thermoformed article produced from such a sheet. The thermoformable sheet does not need to be thermoformed at relatively high temperatures, has an acceptable Vicat Softening Point, does not emit unpleasant odours on heating and meets stringent industry standards.

IPC 1-7
C08F 265/06; **C08F 2/38**

IPC 8 full level
C08F 2/38 (2006.01); **C08F 265/06** (2006.01)

CPC (source: EP)
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Citation (search report)
See references of WO 9804603A1

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