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ABSTRACT OF THE DISCLOSURE
"IMPACT-MODIFIED POLY(VINYL CHLORIDE) EXHIBITING IMPROVED
LOW-TEMPERATURE FUSION"

Poly(vinyl chloride), when impact modified with a core/shell acrylic impact modifier whose shell is predominantly formed from 50 - 90 parts of polymerized units of methyl methacrylate and 10 - 50 parts of polymeric units of a $C_2 - C_8$ alkyl acrylate and whose core is a crosslinked copolymer mainly of polymeric units of butyl acrylate, exhibits improved fusion behavior, allowing conversion to an intimate, fused, processable blend at lower temperatures and faster rates, than when the shell of the impact modifier is substantially formed from methyl methacrylate alone.



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