

Increasing the compatibility of a mixture of low density polyethylene with polyamide-6

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Abstract

The effect of an ethylene copolymer with vinyl acetate on the performance properties of low density polyethylene and its mixtures with polyamide-6 has been investigated. It is shown that the introduction of ethylene copolymer with vinyl acetate improves the physical and mechanical properties as well as the value of flow index of melt compositions.