

Title (en)

A PROCESS FOR PREPARING HIGH IMPACT STRENGTH POLYETHYLENE TEREPHTHALATE/IONOMER BLENDS.

Title (de)

VERFAHREN ZUR HERSTELLUNG VON SCHLAGZÄHIGEN POLYETHYLENTEREPHTHALAT-IONOMER-MISCHUNGEN.

Title (fr)

PROCEDE DE PREPARATION DE MELANGES IONOMERE/TEREPHTALATE DE POLYETHYLENE A RESISTANCE ELEVEE AUX CHOCS.

Publication

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Application

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Priority

- US 9308132 W 19930830
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Abstract (en)

[origin: WO9406864A1] This invention relates to a process for preparing polyethylene terephthalate/ionomer compositions which exhibit high impact strength. The process involves melt blending polyethylene terephthalate with an ionomer of ethylene, an unsaturated carboxylic acid selected from the group consisting of acrylic acid and methacrylic acid wherein the carboxylic acid groups are neutralized with zinc ions, and an alkyl acrylate, at a shear rate of 3500 to 7000 reciprocal seconds; and thermoforming the blend into an article.

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Citation (search report)

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