

Title (en)

A PROCESS FOR PREPARING HIGH IMPACT STRENGTH POLY(1,4-CYCLOHEXYLENEDIMETHYLENE TEREPHTHALATE)/IONOMER BLENDS.

Title (de)

VERFAHREN ZUR HERSTELLUNG VON SCHLAGZÄHEN POLY(1,4-CYCLOHEXYLENDIMETHYLEN TEREPHTHALAT)- IONOMER-MISCHUNGEN.

Title (fr)

PROCEDE DE PREPARATION DE MELANGES POLY(1,4-CYCLOHEXYLENEDIMETHYLENE TEREPHTALATE)/IONOMERE A RESISTANCE ELEVEE AUX CHOCS.

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Application

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Abstract (en)

[origin: WO9406863A1] This invention relates to a process for preparing poly(1,4-cyclohexylenedimethylene terephthalate)/ionomer compositions which exhibit high impact strength and to articles made therefrom. The process involves melt blending poly(1,4-cyclohexylenedimethylene 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 or sodium 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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