

Title (en)
PLASTIC FORMULATION AND METHOD FOR THE PRODUCTION OF PLASTIC BOTTLES IN A TWO-STAGE STRETCH BLOW-MOLDING PROCESS

Title (de)
KUNSTSTOFFFORMULIERUNG UND VERFAHREN ZUR HERSTELLUNG VON KUNSTSTOFFFLASCHEN IN EINEM ZWEISTUFEN-STRECKBLASPROZESS

Title (fr)
FORMULATION DE MATIÈRE PLASTIQUE ET PROCÉDÉ POUR FABRIQUER DES BOUTEILLES EN MATIÈRE PLASTIQUE SELON UN PROCESSUS DE SOUFFLAGE PAR BI-ORIENTATION EN DEUX ÉTAPES

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Application
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Abstract (en)
[origin: WO2010009832A2] The invention relates to a plastic formulation for the production of plastic bottles in a two-stage stretch blow-molding process, comprising at least 60% of HDPE (High Density Polyethylene) having a density of 0.941 g/cm³ to 0.965 g/cm³ and according to ISO 1133 a melt index 190°C /2.16 kg of 0.1 to 0.9g/10 min, wherein the HDPE comprises a mono-modal or multi-modal HDPE having a second melt index 190°C/21.6 kg of 5 g/10 min to 50 g/10 min according to ISO 1133. The invention further relates to a method for producing a plastic bottle in a two-stage stretch blow-molding process, wherein a plastic formulation according to the invention is used.

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