

Abstract

The invention relates to a multilayer device for storing and transporting chemicals, especially highly pure, liquid chemicals for the electronics industry. The device is produced from a thermoplastic by co-extrusion. The innermost layer of the device on the contents side is produced from a stabilizer-free HDPE. The invention relates to a method for producing a multilayer device for storing and transporting chemicals, especially highly pure, liquid chemicals for the electronics industry, using a multilayer blow extruder with at least one inner extruder and at least one outer extruder. The method has at least the following steps: a) charging the outer extruder with an extrudable polymer or copolymer and the inner extruder with a stabilizer-free HD-PE; b) plasticizing the polymer or copolymer in the outer extruder and the stabilizer-free HD-PE in the inner extruder; c) co-extruding the plasticized polymer or copolymer in the outer extruder and the stabilizer-free HD-PE in the inner extruder into a forming device; d) forming the device for storing and transporting chemicals in the forming device.