

ABSTRACT

METHOD FOR PRODUCING ELECTROSTATICALLY NON-CHARGEABLE AND/OR ELECTRICALLY DERIVABLE PLASTIC CONTAINERS, AND PLASTIC CONTAINERS PRODUCED THEREBY

The invention relates to a method for producing multi-layered containers from a thermoplastic material, said containers being used to store and transport liquid fillers, especially combustible or explosive fillers, and a plastic container produced using said method. The inventive containers are provided with a thin, permanently electrostatically non-chargeable or electric charge-draining outer layer. According to the invention, the permanently electrostatically non-chargeable or electric charge-draining properties of the outer layer are created by adding a defined quantity of a specific compound based on a polymer to the base plastic material of the outer layer and incorporating the same into the plastic material, and the outer layer is thin so that the transparency or translucency of the compounded outer layer is either not affected, or only slightly affected, such that the filling level of a liquid poured into the container remains optically identifiable without taking any other measures.

[Figure 1]