

Title (en)

MULTI-LAYERED PLASTIC CONTAINER PROVIDING GOOD PRODUCT DRAINAGE

Title (de)

MEHRSCHICHTIGER KUNSTSTOFFBEHÄLTER MIT EINER VERBESSERTEN ENTLEERUNG

Title (fr)

CONTENEUR EN PLASTIQUE MULTICOUCHES ASSURANT UNE BONNE EVACUATION DES PRODUITS

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Application

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Abstract (en)

[origin: WO9843881A1] Disclosed is a multi-layered plastic container (10) that substantially enhances product drainage and reduces product residual levels trapped in the container, especially for viscous liquid products, including oil-in-water emulsions, water-in-oil emulsions, polymeric gels, foams, surfactant mixtures, dispersions, colloidal dispersions, suspensions, polymer solutions, polymer melts, and products like catsup, mustard, syrup, etc. In a particularly preferred embodiment, the plastic container is made by blow-molding an extruded parison having an outer polyolefin layer (14), an intermediate adhesive layer (18), and an inner product-contacting layer (16) of a polyester material such as glycol-modified polyethylene terephthalate. In another particularly preferred embodiment, the plastic container is extrusion blow-molded from a four-layer parison comprised of an outer polyolefin layer, an intermediate adhesive layer, an inner polyester layer, and a scrap or regrind layer comprised of a blend of these three layers recovered from the flash removed from the finished container.

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