

Bottle Specification

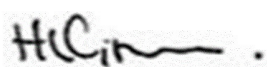


Product:	250ML PC BOTTLE 4068 2957	Neck Finish:	38mm UCS NV
Product Code:	2002505804A8CLQ9	Colour:	CLEAR
Weight(Gms):	17.80	Recommended End Use:	

Confidentiality	Statement of Conformity Products in Direct Contact With Food
The specifications, as well as the attached technical documents, are considered by both the customer and the supplier as strictly confidential. Accordingly, they may not be communicated to third parties.	This document is to certify that all (PET) Poly Ethylene Terephthalate products manufactured by Esterform Packaging Ltd for the purposes of food contact conform to the relevant regulations outlined below. Commission Regulation (EU) No. 10/2011: With regard to Plastic Materials and Articles intended to come into contact with Foodstuffs: This repeals EC Directive 2002/72/EC and its amendments 2004/1/EC, 2004/19/EC, 2005/79/EC, 2007/19/EC, 2008/39/EC and 2011/8/EC and Commission Regulation (EC) No.975/2009. Group specific limits: less than 30mg/kg. Ethyleneglycol (substance number 16990) Diethylene glycol (substance number 15760) Steric acid with Ethyleneglycol (substance number 00089) Specific limits: Terephthalic acid: less than 7.5mg/kg. (substance number 00785) Isophthalic acid: less than 5.0mg/kg. (substance number 00291) Antimony based substance 0.04mg/kg. (substance number 35760) Commission Regulation (EC) No. 282/2008: With regard to recycled plastic materials and articles intended to come into contact with foodstuffs: All raw materials purchased and used in the manufacture of plastics and articles intended to come into contact with foodstuffs are procured from a manufacturing organisations which utilises the recognised process, Starlinger IV. Statutory Instrument SI 2009 No 1504: Packaging Essential Requirements Regulations 2003 (last amended in 2013) SI 2013 No 2212: Provisions in Part III Reg.7, 8 and 9 ref. Article 11 of the Directive 94/62/EC and its amendments 2004/12/EC and 2005/20/EC, relating to the concentration levels of heavy metals in the final product. Heavy Metals. Lead Cadmium Mercury Hexavalent Chromium Concentration level (one or combination of) is to be less than 100ppm by weight after June 30th 2001. Commission Regulation (EC) Directive 1935/2004: Framework Legislation With regard to Materials and Articles intended to come into contact with Food and repealing Directives 80/590/EEC and 89/109/EEC): Esterform Packaging manufactures products which conform to the said regulation, in particular Articles 5, 15, and 17. Commission Regulation (EC) No. 2023/2006: Esterform Packaging manufactures all (PET) Polyethylene Terephthalate products to (GMP) good manufacturing standards that are compliant with EU regulation (EC) 2023/2006. Esterform Packaging complies with conformity of the said Regulation in particular the aspects of Articles 5, 6, and 7 of the Regulation in relation to Quality assurance system, Quality control systems and the establishment of appropriate documentation.
Material	
Bottle is manufactured from 100% virgin polyethylene terephthalate. The grade of PET used has minimum intrinsic viscosity of 0.78. PET has a calorific value of 22MJ/kg and is totally recyclable.	
Dimensional Information	
Bottle size and dimensions are shown on the Esterform Packaging Limited drawing no. E907-B-11	
Product Details	
Volume:The bottle volume is 250mls +/-5mls at a fill height of 20mm measured from the top, 72 hrs. after manufacture. The brimful capacity is 270 mls +/- 5 mls, 72 hrs. after manufacture. Topload:The minimum load of an empty bottle is 27 Kgs Height:The height of the bottle is 149.2mm +/- 1.00mm	
Intended Product Use	
Preforms are sold to customers who have the technology to convert the product into its final composition into a food grade bottles or containers for use as a (CSD) Carbonated Soft Drink or still soft drink container or food container. Bottles and containers are intended to be used as above but are considered to be in there final format as a (CSD) Carbonated Soft Drink or still soft drink container or food container.	
Storage Recommendations	
Store pallets in a clean and dry environment. Do not store close to a heat source. When racking not in use, pallets/package may be stored 0 high	

Crystallinity	Surface Condition	Mould Parting Lines
No visually perceptible crystallinity will occur anywhere except within the confines of the gate area and this will be kept to a minimum.	Every possible care is taken to ensure that abrasions, scratches and indentations are kept to an acceptable level as not to be evident in the finished bottle.	Mould parting lines will be maintained in the best condition as not to incur leakage, impact failure, flashing or any unsightly markings.
Pearlescence	Identification Marks	Contamination
No visually perceptible pearlescence will occur anywhere.	Each bottle is identified by a mould number which appears on the underside of the base. The corresponding preform cavity number and mould number is identified at a point below the tamper evident ring and the top face of the neck support.	There shall be no contamination evident in the sidewalls of the bottles.
Bubbles/Voids	Homogeneity	Hygiene
There shall be no bubbles/voids evident in the sidewalls of the bottle.	There shall be no specks or particles of crystallised material evident outside the confines of the base area.	Bottles will be clean and fit for the use with food products.

Packaging	
All bottles supplied by Esterform Packaging Limited will be either packed into cardboard trays, plastic trays or cardboard cartons and covered with a clear stretch film and labelled.	Quantity Per Layer: 452 Number of Layers Per Pack: 8 Quantity Per Pack: 4068
All pallets will be clearly marked.	
- Date of manufacture - Type and weight - Quantity per pallet - Colour	Pack Format: 9 LUH Pack Dimensions: H:1360 mm x L:1200 mm x W:1000 mm Pack Gross Weight Inc Pallet(Approx): 89 kgs
Country of Origin	
United Kingdom	

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	Haley Green - Group Quality and HSE Director