

Product Information

Product Type	Tamper-Evident
Shape	Round
Volume	520ml
Container Diameter	96.4mm
Container Height	114.25mm
Container Weight	20.6g
Lid Weight	4g
Colour	Clear
Food Approval	Yes
Closure Type	Tamper-Evident Tab
Protective Collar	Yes
Handle Available?	No
IML Available?	Container and Lid



Product Quality

Category	Requirements	% out of spec
Bending-Distortion	No bending other than specified radius. Warp up to 2mm from flat surface.	0.1%
Foreign bodies and odour	Any kind of foreign bodies on the internal/external surface of the container as well as any odour are not allowed.	0.0%
Stacking	Containers are not stuck between each other and are easily separated.	0.001%
Holes	Holes are not allowed.	0.0%
Breakage	Drop test: filled container drop under 10° slope from a height of 0.5m onto a steady, horizontal and hard surface – NO BREAKAGE	0.01%
Closure	Rim of container has no cracks/damages and ensures perfect closing of lids.	0.1%
In-mould labelling	IML label is not missing from the container.	0.1%
Cracks or splits	Container has no cracks or splits at the label.	0.1%
Excess material	Container has no excess material. Any excess should not exceed 1mm.	0.5%
Surface of container	No dull, rough areas or scratches on the surface of the container.	2.0%
Color-appearance	The appearance and colours (if there are any) should be within the agreed limits.	2.0%
Label color / print quality	The appearance and colours should be within the agreed limits.	3.0%

Palletisation

Item	Pieces per Box	Pieces per Pallet	Boxes per Pallet	Box Size (CM)	Total Pallet Height (CM)
Containers and Lids	480	9600	20	L 60 x W 40 x H 40	190
Containers	624	11232	18	L 58 x W 38 H 38.5	190
Lids	2688	43008	16	L 58 x W 38 H 38.5	190



Technical Specification

Materials

PP

Approval

All raw materials and masterbatches used in the production process have the appropriate food contact approvals.

Recyclability & EPR:

This product is 100% recyclable, recycled content: NiL. EPR: Repack membership No. 000274

Colours

Colours according to RPC Superfos standard selected pantone colours.

Usage

Thermal acclimation: Store product at room temperature (min 15°C) at least 24hrs prior to filling.
Hot filling: Maximum recommended temperature is 80°C, followed by rapid cooling.
Freezing: Freezer grade options are available on request.
Microwavable: Yes.

Systempak Ltd. recommends that customers carry out their own testing before approval for use, to ensure suitability during filling, packing, stacking and transportation, due to the number of factors involved. The food packer is responsible for checking overall suitability of the product for its intended use, including any effect the product may have on the packaged foodstuff.

Hot Fill

The material chosen has a very good heat resistance and the packaging is suitable for hot filling. Notably, plastic packaging become flexible when subjected to hot filling temperatures and care must be taken in relation to stacking immediately after hot filling. The RPC Superfos packaging must be tested by the customer with the actual product before approval for use at hot temperatures

Cold Temperatures

Cold temperatures: Freezing conditions require special resins available on request. The RPC Superfos packaging must be tested by the customer with the actual product before approval for use at low temperatures

Storage

The compliance of the product to the technical specifications in this data sheet is guaranteed for 12 months after the date of the delivery subject to suitable storage.

Keep out of direct sunlight, protect from very low or very high temperatures. Do not store outdoors. Storage in a dry, dust free environment, between 10 and 30 °C, at 40-65% RH under non-condensing conditions is recommended.

Handle with care: In order to prevent damage, all packaging products must be carefully handled.

Food Safety/BRCGS

Products are produced from polypropylene in grades approved for food packaging according to European Regulation (EU) No.10/2011, (EC) No. 1935/2004, (EC) No. 2023/2006 (and their modifications). Total migration < 10mg/dm². Overall and specific migration controls in accordance with EU 10/2011. Manufacturer is certified to the BRC Global Standard for Packaging Materials.