

UniPak Ø118 mm 870 ml

Product no: 5022
Shape: Round
Available lids: 2820 (Standard)
 2828 (Membrane)



VOLUME

Volume under lid:	870 ml	Volume brimful:	950 ml
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DIMENSIONS

External diameter top:	117.8 mm ± 0.5 mm	Height:	123.7 mm ± 0.5 mm
External diameter bottom:	92.5 mm ± 0.5 mm		

WEIGHT

Weight:	31 g ± 3 g	Weight plastic handle:	2.05 g ± 0.2 g
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PERFORMANCE

Stacking tests The stacking tests have been performed to the standard virgin raw material as stated below at 23°C over a period of 2 months. Stackability depends on many factors and the above data is meant as an indication only. Consequently, customers should make internal trials to determine the viability of stacking and transportation.

CLOSURE SYSTEM

Lid type options:	Standard, Membrane
Closure type:	Snap-On
Protective collar:	Yes
Tamper Evidence type:	Tamper Evidence tab

HANDLE

Standard handle:	Flexible plastic hanging
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DECORATION

Decoration available:	IML
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RAW MATERIAL (MECHANICAL PROPERTIES)

Raw material options:	PP
Hot filling:	Up to 95° C
Masterbatch colours:	Colours according to Berry Superfos standard selected pantone colours.

Hot temperatures: 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 Berry Superfos packaging must be tested by the customer with the actual product before approval for use at hot temperatures.

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

QUALITY SPECIFICATIONS

Approvals:	All Berry Superfos Products comply with the European Union Commission Regulation No. 10/2011/EC with amendments, relating to materials and articles intended to come into contact with food, unless otherwise stated. In accordance with EU legislation, it is the responsibility of the customer to ensure that the supplied product is suitable for the intended use.
Shelf life:	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. Suitable storage include protection of e.g. direct sun light, rain, very low temperatures or very high temperatures over a long period.
Quality information:	Deviations in the product specifications in this data sheet of 0.025% or less (i.e. 25 items per 100,000) are considered acceptable in the industry and therefore cannot be construed as a defect. Also, please refer to the General Sales Terms and Conditions in force at the time of delivery.
Compliance and product suitability:	For all information related to food contact compliance and product suitability ask for the Declaration of Compliance.

UniPak Standard Lid 118 mm

Product no: 2820
Shape: Round



DIMENSIONS

External diameter: 116.4 mm $\pm$ 0.5 mm Height: 9.5 mm $\pm$ 0.5 mm

WEIGHT

Weight: 7 g $\pm$ 0.7 g

PERFORMANCE

Stacking tests The stacking tests have been performed to the standard virgin raw material as stated below at 23°C over a period of 2 months. Stackability depends on many factors and the above data is meant as an indication only. Consequently, customers should make internal trials to determine the viability of stacking and transportation.

CLOSURE SYSTEM

Closure type: Snap-On

DECORATION

Decoration available: IML

RAW MATERIAL (MECHANICAL PROPERTIES)

Raw material options: PP

Masterbatch colours: Colours according to Berry Superfos standard selected pantone colours.

Hot temperatures: 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 Berry Superfos packaging must be tested by the customer with the actual product before approval for use at hot temperatures.

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Taastrup, 11th August, 2023

Certificate of compliance – EU food legislation

Berry Superfos company, hereby warrants that our products delivered are in accordance with the data sheet for the product provided. All products are suitable for food applications excluding:

6085, 993, 6769, 981, 996

577, 541, 765, 772, 4547, 552, 9255, 177 (gasket versions only)

products in colours: 255, 375, 475, 523, 575, 577, 941

Compliance:

Berry Superfos company further warrants that the products comply with the European Union Commission legislation, with all relevant amendments, listed below:

- Regulation EC No. 1935/2004 on materials and articles intended to come into contact with food
- Regulation EU No. 10/2011: "Plastic materials and articles intended to come into contact with food".
- Regulation 2023/2006 on rules of Good Manufacturing Practice
- Directive 94/62 on packaging and packaging waste

– together the "Applicable EU Legislation"

The compliance is verified by Overall migration testing at an external accredited laboratory under the following conditions:

Simulants	Test conditions
3 % acetic acid	10 days at 40°C
50% ethanol	10 days at 40°C
Olive oil	10 days at 40°C

The overall migration testing is performed according to method EN1186.

For substances with SML (specific migration limits) values, these are verified by specific migration testing. Test conditions dependent on actual substance. Specific migration testing is performed according to EN13130.

If information on dual use substances, OML or SML values or volume/surface ratio in the individual products is required please contact us.

Product suitability:

The products are suitable for all food types and for any long term storage at room temperature or below, including hot-fill conditions and/or heating/ microwaving up to $70^{\circ}\text{C} \leq T \leq 100^{\circ}\text{C}$ for maximum $t = 120/2^{((T-70)/10)}$ minutes. Following this equation: at $T = 70^{\circ}\text{C}$ time of contact is 2 hours, at $T = 80^{\circ}\text{C}$ is 1 hour, at $T = 90^{\circ}\text{C}$ is 30 minutes. Polypropylene used for production of our goods is suitable for heat treatment, but plastic packaging made of polypropylene in general become flexible when subjected to hot temperatures. Care must be taken in relation to stacking immediately after hot filling or microwaving.

REACH:

Berry Superfos products are produced from virgin polypropylene polymers, clear or with addition of masterbatches, IML's, other labels and inks supplied to us by our suppliers.

As downstream users of these articles it is our responsibility that these articles meet the requirements of the so-called REACH legislation (Registration, Evaluation, Authorization, and restriction of Chemicals, 1907/2006 EC with all amendments).

Based on confirmations received from our suppliers we hereby confirm that:

- all substances covered by REACH Regulation and used in materials supplied to Berry Superfos company has been registered
- no substances listed in the ECHA candidate list of Substances of Very High Concern (SVHC) for authorization updated on the 14 June 2023 are present above 0,1 % by weight in our products.

Use of colourants in plastic materials in contact with food

We hereby confirm that according to the information provided by our suppliers, all colourants we use in the production process comply with Resolution AP (89) 1.

Nanotechnology:

We hereby confirm that products produced at any factory within Berry Superfos company are produced without the use of nanoparticles and with no use of nanotechnology.

Materials of animal origin - BSE/TSE

Berry Superfos company hereby informs that, according to information provided by our suppliers, raw materials we are using can be synthesized from animal by-products, i.e. hydrolysis etc. of animal fats and oils into fatty acids. However, the manufacturing process of tallow derivatives includes a multistep chemical treatment involving high temperatures and long residence times. Therefore, it fulfills requirements laid down in Regulations 1069/2009/EC, 142/2011/EC, and the "Note for Guidance EMEA/410/01, rev. 3".

Convention on International Trade in Endangered Species of Wild Fauna and Flora

According to the information provided by our suppliers, raw materials we are using to manufacture our products do not contain any substances derived from any endangered species of fauna and flora.

Bisphenol A, B, F and S:

Bisphenol A (BPA), Bisphenol B (BPB), Bisphenol F (BPF) and Bisphenol S (BPS) is not intentionally used in our products.

Phthalates:

Berry Superfos company has never intentionally used phthalates in the production of plastic packaging. Some resin suppliers are using some phthalates in the catalyst system during their production and this may result in traces in the product.

Berry Superfos company meets the requirements of EU 10/2011 and any subsequent amendments thereto.

Consequently, we are working in collaboration with our suppliers to ensure that any possible trace of phthalates in our product do not exceed the limits stated in 10/2011.

Gluten:

Berry Superfos company is not using gluten in our production of plastic packaging. We have evaluated the risk of gluten in our products. The conclusion is that the risk is negligible. None of our raw materials contains gluten and we do not allow eating (or drinking) in our production or warehouses.

Mineral Oil

Berry Superfos company hereby confirms that mineral oil saturated hydrocarbons (MOSH) and mineral oil aromatic hydrocarbons (MOAH) may be present in the final product. However, concentrations are below the limit value suggested in the latest draft of German mineral oil ordinance from March 15th 2017. In addition to that our products are also compliant with French Decree No. 2020-105 on the 'Fight Against Waste and the Circular.

Nonylphenols

Berry Superfos company has never intentionally used nonylphenols in the production of plastic packaging. We meet the requirements of EU 10/2011 and any subsequent amendments thereto. Consequently, Berry Superfos company are only using monomers and additives listed in EU 10/2011.

Chlorine:

Generally, the printing ink industry uses low levels of chlorinated organic compounds in the production of printing ink in some colors. The chlorine is part of the synthesis route of the pigments and the chlorine ensures the required coloristic and fastness properties of the inks.

Berry Superfos company are in continuous dialog with our suppliers of printing ink to reduce the levels of chlorine. Our ink suppliers do not use substances classified as critical, toxic or highly toxic by the EuPIA Exclusion List, nor do they use chlorinated compounds banned from use under the REACH Regulation (EC) No 1907/2006, Title VIII/Annex XVII.

Berry Superfos company meets the requirements of EU 10/2011 and any subsequent amendments thereto. Consequently, we are on a continuous basis, in collaboration with our supplier's document that any possible trace of chlorine in our product does not migrate above the limits stated in 10/2011.

Primary aromatic amines:

Migration of primary aromatic amines is primarily an issue for polyamide food contact materials.

Berry Superfos is using polypropylene (PP) plastics and a smaller amount of high-density polyethylene (HDPE), for all products. Based on the declaration from our suppliers we confirm that primary aromatic amines are not intentionally added to our products.

Other chemicals:

The chemical materials listed below are not intentionally used in the manufacture or the formulation of our products and are not expected to be present as Berry Superfos is primarily using polypropylene (PP) plastics and a smaller amount of high density polyethylene (HDPE), for all products, both of which are approved for food contact materials. However, our products have not been tested for these chemical materials:

- formaldehyde
- epoxidised soybean oil (ESBO)
- Melamine

Packaging and packaging waste:

Berry Superfos company hereby warrants that our products comply with the European Union Committee Directive 94/62/CE with later amendments and that Berry Superfos meets the national requirements set on basis of these. Consequently, we are working on:

- reducing our impact on the environment
- reducing the production of waste
- increasing use of re-cycled material where appropriate

Further as part of complying with the Directive the content of heavy metals (sum of lead, cadmium, mercury and hexavalent chromium) in our products is < 100 ppm.

The management of these requirements is integrated into our environmental management system based on the requirement of ISO14001 and the requirements of EN13430 – Requirements for packaging recoverable by material recycling and EN 13428 – Prevention by source reduction.

Printing inks:

The printing inks used by Berry Superfos are all in compliance with:

- Swiss Ordinance of the FDHA on Materials and Articles (817.023.21)

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- EuPIA Guideline on Printing Ink applied to the non-food contact surface packaging materials and articles. The products are produced without the following substances:
 - Mineral oils
 - Benzophenon
 - 4-Hydroxybenzophenon
 - 4-Methylbenzophenon
 - 2,2'-Dimethoxy-2-phenylacetophenon
 - 1-hydroxy-cyclohexyl phenyl ketone
 - 2,4-diethyl thioanthone (DETX)
 - 2-methyl-4'-(methylthio)-2-morpholinopropiophenone
 - Ethyl-4-dimethylaminobenzoate
 - Methyl-2-benzoylbenzoate

In accordance with the Applicable EU legislation it is the responsibility of the customer to ensure that the product supplied by Berry Superfos is suitable for the intended use and that the use is in accordance with the relevant acts of law, statutory orders and other rules and regulations, including the said Directives.

Berry Superfos company warrants full traceability of the products delivered throughout the manufacturing process.

Berry Superfos company factories are as a minimum certified according to ISO 9001:2015 and BRC Packaging Materials.

The present certificate is valid for a period of one year starting from the date first above written.

If you have any questions you are welcome to contact us.

Best regards,

Berry Superfos

A handwritten signature in black ink, which appears to read "Michał Kamiński".

Michał Kamiński
Divisional Regulatory Compliance Manager
michalkaminski@berryglobal.com

Manufacturing sites:

- 1. Berry Superfos Balkan d.o.o.**
Branilaca grada b.b., BA-75320 Gračanica , Bosnia and Herzegovina
Phone +387 35 701 111
- 2. Berry Superfos Besançon S.A.S.**

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1B RD 975, CS 30011, F-71290 La Genête, France

4. Berry Superfos Lubien sp. z o.o.

Kaliska 140, PL-87-840 Lubien Kujawski, Poland

5. Berry Superfos Mullsjö AB

Box 96, S-565 22 Mullsjö/ Industrivägen 13, S-565 91 Mullsjö, Sweden

6. Berry Superfos Pamplona s.a.

Poligono Industrial Comarca n1, Calle L, 14-16, 31160 Orcoyen (Navarra), Spain

7. Berry Superfos Randers a/s

Haraldsvej 25, DK-8960 Randers SØ, Denmark

8. Berry Superfos Wetteren NV

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