



SPECIFICATION SHEET

LLG-Bottles (Carboys)
Art.-Nr.: 9.139 938, 939

TECHNICAL SPECIFICATIONS:

Raw material

Body: High density polyethylene

Cap: Polypropylene

Undercap: Low density polyethylene

Handle: Polypropylene

Other features

Very strong and durable for extended user over time. They are equipped with inner-cap for a tight seal. Supplied with cap with hole for warranty seal. Ideal for containing liquids, powders and granulates.

DIMENSIONAL SPECIFICATIONS:

Bottle height	mm. 350
Bottle external diameter	mm. 167
Mouth internal diameter	mm. 85
General dimensional tolerance	mm. +/- 1,50
Capacity	Lt 5

GENERAL FEATURES:

CE mark	No
Autoclavability	No
Sterilization	To be effected by radiations
Translucence	Yes
Resistant	From – 40°C to + 80°C
Food contact suitable	Yes in according with: - Regulation (EU) 1935/2004 - Regulation (EU) 10/2011

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CHEMICAL RESISTANCE:

Categories of substances	Reference	Concen. %	T. 20°	T. 40°	T. 60°
Inorganic acid	Sulphuric acid	98	B	B	B
Organic acid	Benzoic acid	100	A	A	A
Alcohol	Ethanol	100	A	B	B
Aldehydes	Acetaldehyde	100	B	C	-
Inorganic alkali	Sodium Hydroxide	50	C	-	-
Organic alkali	Aniline	100	A	B	C
Ketone	Acetone	100	B	C	-
Esther	Ethyl acetate	100	B	C	-
Hydrocarbons, halogenated	Dichloroethylene	100	C	-	-
Hydrocarbons, aromatic	Benzene	100	B	C	-
Hydrocarbons, linear	Hexane	100	C	-	-
Supersolvent	Tetrahydrofuran	100	B	B	C

Legenda (not applicable if neglected):

A: fair resistance; exposure (30 days) to the chemical does not cause any damage.

B: sufficient resistance; exposure causes damage of poor importance, which sometimes is only temporary.

C: poor resistance; exposure to chemical is not allowed, or causes immediate permanent damage.

Results of testing with reference materials are to be considered as indication: in case of specific use it is recommended to carry out preliminary testing.

Information relating to the resistances of plastic materials to temperatures, sterilization and washing treatments, have been made as per reports of the raw materials' producers, following the data published in the literature and the experience gained in the use of products

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