

TECHNICAL SPECIFICATIONS

Trade Name	Measuring jugs, short form
Use	Volumetric measurements
Material	Polypropylene PP
Other Features	No drip spout. Thumb grip on handle

DIMENSIONAL SPECIFICATIONS

Height	225,00 mm
External base diameter	190,00 mm
General dimensional tolerance	+/- 0,5 mm
Capacity	5000 ml
Graduation	Each 250 ml

**GENERAL FEATURES**

CE Mark	No
Foodstuff suitability	Yes, according to: EC Regulation 1935/2004
Translucence	Highly translucent when filled with liquids
Temperature range of the bottle	Da -50°C a +80°C

Resistance and elasticity	Non deformable under normal conditions of use even at full content
Handle dimension	Large handle to facilitate transport even at full content
Translucence	Highly translucent when filled with liquids
Max volume notch	Distant from superior rim to avoid accidental spills at full content

STERILIZATION

Autoclavability + 121°C	Yes
Gas (Ethylene Oxide)	Yes
Dry Heat (+160°C)	No
Chemical (Formalin)	Yes
Irradiation	No
Microwave	Yes

Quality Assurance
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Guido Borona

CLEANING OPERATIONS

Slight contamination	Wash with neutral detergent (pH 7)
Consistent contamination	Wash with alkaline detergent (pH up to 12)

CHEMICAL RESISTANCES (BOTTLE)

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

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 about resistance of plastic materials to temperatures, sterilization and washing treatments are based on bulletins issued by the Producers of raw materials, on literature data and on the experience gained in using the products

PACKAGING

Quantity in each box	12 pcs
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