Kartell SpA DIVISIONE LABWARE	TECHNICAL DATA SHEET ITEM 732	Mod. AQ 001 Rev. 0 del 25/09/2003

TECHNICAL SPECIFICATIONS

Trade name	Sample vials
Use	General purpose containers with push on hinged lids Can be used as weighing containers
Material	Polyethylene (PE)
Other features	Flat bottomed Lightweight and unbreakable



DIMENSIONAL SPECIFICATIONS

Capacity	ml. 8
External, diameter	mm. 17,2
Total Height	mm. 57,6
Walls thickness	mm. 1,20
Weight	g. 3,5
General dimensional tolerance	mm. +/- 0,1

GENERAL FEATURES

CE Mark	No
Foodstuff suitablity	Yes

STERILIZATION

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

CLEANING OPERATIONS

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

Quality Assurance

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CHEMICAL RESISTANCES

Categories of substances	Reference	Concen. %	T. 20° C	T. 40° C	T. 60° C
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 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, steriization 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

Bag	Pcs 100

Quality Assurance

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