Kartell SpA
DIVISIONE LABWARE

TECHNICAL DATA SHEET
ITEM 1337

Mod. AQ 001
Rev. 0 del 25/09/2003

TECHNICAL SPECIFICATIONS

Trade name	Graduated measuring cylinder, short form
Use	Excellent chemical resistance
Material	Polymethylpentene TPX (PMP)
Graduation	100 ml
Other	Low form , circular base

DIMENSIONAL SPECIFICATIONS

Height	mm. 302,00
Capacity	ml. 500
Graduation	ml. 100
Subdivision	ml. 10
O.D.ø	mm. 56

GENERAL FEATURES

CE mark	No
Foodstuff suitability	Yes
Temperature	Can withstand temperatures up to 170°C
Graduation	Permanent graduations molded into cylinders

STERILIZATION

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

Quality Assurance

Massimiliano Capitanio

Kartell SpA
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CLEANING OPERATIONS

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

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	B	B
Alcohol	Ethanol	100	A	B	B
Aldehydes	Acetaldehyde	100	B	C	-
Inorganic alkali	Sodium hydroxide	50	A	A	A
Organic alkali	Aniline	100	B	B	C
Ketone	Acetone	100	B	C	-
Esther	Ethyl acetate	100	A	A	A
Hydrocarbons, halogenated	Dichloroethylene	100	C	-	-
Hydrocarbons, aromatic	Benzene	100	B	C	-
Hydrocarbons, linear	Hexane	100	B	C	-
Supersolvent	Tetrahydrofuran	100	B	B	C

Legenda (not applicable if neglected)**:**
- **A: fair resistence;** exposure (30 days) to the chemical does not cause any damage.
- **B: sufficient resistence;** exposure causes damage of poor importance, which sometimes is only temporary.
- **C: poor resistence;** 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.

PACKAGING

Bag	Pcs. 4
Box	Pcs. 64

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