

TECHNICAL SPECIFICATIONS

Trade Name	Graduated beakers, low form – class B
Use	Graduated beakers with excellent chemical resistance
Material	Polypropylene PP
Other Features	New PP giving very high translucency Permanent graduation are moulded in for reproducibility Excellent chemical resistance

DIMENSIONAL SPECIFICATIONS

Capacity	5000 ml
Subdivision	500 ml
Tolerance	+/- 10%
General dimensional tolerance	ISO 7056
O.D.Ø	188,5 mm
Height mm	229 mm
(walls) thickness	mm. 1,8 +/- 0,2

**GENERAL FEATURES**

CE Mark	No
Foodstuff suitability	Yes
Translucence	New PP giving very high translucency
Temperature	Continuous work at 100°C
Conformity	ISO 7056 – 1981 (E) and BS 5404 Part 1

STERILIZATION

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

Quality Assurance
Massimiliano Capitanio**Technical Direction**
Guido Borona

CLEANING OPERATIONS

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

CHEMICAL RESISTANCES

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

Bag	2 pcs
-----	-------

Quality Assurance
Massimiliano Capitanio

Technical Direction
Guido Borona

DOMINIQUE DUTSHER SAS