

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. 5 |
| External, diameter | mm. 15,00 |
| Total Height | mm. 49,00 |
| Walls thickness | mm. 0,93 |
| Weight | g. 2,5 |
| General dimensional tolerance | mm. +/- 0,1 |

**GENERAL FEATURES**

| | |
|-----------------------|-----|
| CE Mark | No |
| Foodstuff suitability | 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 alkalin detergent (pH up to 12) |

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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 |
|-----|---------|

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