

**TECHNICAL SPECIFICATIONS**

|                   |   |
|-------------------|---|
| <b>Trade name</b> | Volumetric Flasks with cap                            |
| <b>Use</b>        | No meniscus; calibrated gravimetrically; autoclavable |
| <b>Material</b>   | PMP (TPX®)  |
| <b>Others</b>     | Conforms to NS/DIN 19/26                              |

**DIMENSIONAL SPECIFICATIONS**

|                                      |              |
|--------------------------------------|--------------|
| <b>Height</b>                        | mm. 265,00   |
| <b>External base, diameter</b>       | mm. 100,00   |
| <b>General dimensional tolerance</b> | mm. +/- 0,10 |
| <b>Capacity</b>                      | ml. 500      |

**GENERAL FEATURES**

|                              |     |
|------------------------------|-----|
| <b>CE mark</b>               | No  |
| <b>Food contact suitable</b> | Yes |

**STERILIZATION**

|                                  |     |
|----------------------------------|-----|
| <b>Autoclavability at +121°C</b> | Yes |
| <b>Gas (Ethylene Oxide)</b>      | Yes |
| <b>Dry at 160°C</b>              | No  |
| <b>Chemical (Formalin)</b>       | Yes |
| <b>Radiations</b>                | No  |
| <b>Microwave</b>                 | Yes |

**CLEANING OPERATIONS**

|                                 |  |
|---------------------------------|--|
| <b>Slight contamination</b>     | Wash with neutral detergent (pH 7)         |
| <b>Consistent contamination</b> | Wash with alkaline detergent (pH up to 12) |

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**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 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 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. 10  |
| Box | Pcs. 120 |

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