



ChemScience

Lab Glassware you Trust

TECHNICAL DATA SHEET

PP- Beaker without Handle

1. Description/Specification

1.1 Description: Reusable Polypropylene (PP) Beaker without Handle

1.2 Design: Tapered Stacking Design

1.3 Performance Specifications:

1.3.1 Volume : 50 ml, 100 ml, 250 ml, 500 ml, 1000 ml, 2000 ml, 5000 ml, 10000 ml

1.3.2 Tolerance limit \pm 10%

1.4 Material:

1.4.1 PP- Polypropylene (PP)

1.4.2 Comply with requirement of Directive 2002/72/EC and requirement of FDA Regulation 21 CFR 177.1520. olefins polymers.

1.4.3 Complies with the requirement of Indian Standard IS: 10910 on "Specification for Polypropylene and its copolymer for its safe use in contact with food stuffs, Pharmaceutical and Drinking water"

1.4.4 Free from heavy metals according to ELV directive 2000/53/EC and its following amendments.

1.5 Color: Translucent (Natural)

1.6 Graduations: Large, Printed with temperature, chemical and solvent resistant ink.

1.7 Sterilization: Can be autoclaved at 15 Psi, 121 °C for 20 minutes

1.8 Quality control: Testing of various characteristic in accordance with the valid Specification

1.9 other Information: Reusable, can be autoclaved up to 10 autoclave cycle.

2. Basic Features

Chem Science Inc

9517, Cote De Liesse, Dorval, Québec, Canada, H9P 2N9

Tel:1-514-636-7850, Toll Free No :1-877-998-9910, Fax:1-514-636-9980

info@chemscience.com www.chemscience.com



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2.1 Made up of High purity Virgine Polypropylene (PP)

2.2 Temperature range: -30 °C to +121 °C

2.3 Autoclavability: Autoclavable at 15 psi and 121 °C for 20 minutes

2.4 Chemical resistance: See website.

Autoclaving Guideline for Plastics

All plastic consumables are autoclavable at 121 °C for 20 minutes, 15psi/1atm. Do not use a dry cycle as this may cause deformation or weakening of the plastic. Allow temperature within the autoclave to return to at least 50 °C before removing product.

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