



Making Positives

ABDOS LABTECH PRIVATE LIMITED

Doc No- Ab/TDS/Re-u -029-I

Rev No : 00

TECHNICAL DATA SHEET

Abdos Labtech Pvt. Ltd.

PP- Beakers with Handle

Valid for Catalog No. P50802, P50803, P50804, P50805, P50806, P50807, P50808

1. Description/Specification

1.1 Description:

Reusable PP-Polypropylene (PP) Beakers with Handle

1.2 Design:

Tapered Stacking Design

Rectangular handle for easy carrying and pouring.

1.3 Performance Specifications:

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

1.3.2 Tolerance limit $\pm 0.2\%$

1.4 Material:

1.4.1 PP-Polypropylene (PP)

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

1.4.3 Complies with the requirements of Indian Standard IS: 10910 on "Specifications for Polypropylene and its copolymers for its safe use in contact with food stuffs, Pharmaceuticals 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 solvents resistant ink.

1.7 Sterilization:

Can be autoclaved at 15psi, 121°C for 20 minutes

1.8 Quality control:

Testing of various characteristics in accordance with the valid Specification

1.9 Other information:

Reusable, can be autoclaved up to 10 autoclave cycle.



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2. Basic Features

- 2.1 *Made up of High Purity Virgin Polypropylene (PP)*
- 2.2 *Temperature range: -30° C to +121°C*
- 2.3 *Autoclavability: Yes, Autoclavable at 15psi 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/1 atm. 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.

Ravi Shekhar.



Quality Assurance Manager

Abdos Labtech Pvt. Ltd.