

# Technical Data Sheet

Doc No – Ab/TDS/GLP-145-I

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## TECHNICAL DATA SHEET

**Abdos Labtech Pvt. Ltd.**

**PP- Beaker without Handle**

**Valid for Catalog No. P50601, P50602, P50603, P50604, P50605, P50606, P50607, P50608**

### **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

Code	Capacity (ml)	Height (mm)
P50601	50	59
P50602	100	73
P50603	250	94
P50604	500	128
P50605	1000	150
P50606	2000	192
P50607	5000	263
P50608	10000	328

##### 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.

**ABDOS**

**Shiv Ganga Industrial Estate,**  
Plot no.1 Lakeshwari, Bhagwanpur,  
Roorkee – 247667 Uttarakhand, India  
**An ISO 9001 & 13485 Certified**  
A Division of Abdos

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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.

1.4.5 Meets accuracy requirements under “DIN 12681/ISO 7056 – 1981 (E) & BS 5404 Part 1”.

## 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

2.1 Made up of High purity Virgin Polypropylene (PP)

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

2.3 Autoclavability: Yes, 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, 15 psi/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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