

# Technical Data Sheet

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## TECHNICAL DATA SHEET

**Abdos Labtech Pvt. Ltd.**

**PP- Beaker with Handle**

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

### **1. Description/Specification**

#### **1.1 Description:**

Reusable PP- Polypropylene (PP) Beaker without Handle

#### **1.2 Design:**

Tapered Stacking Design

Rectangular handle for easy carrying and pouring.

#### **1.3 Performance Specifications:**

##### **1.3.1**

<b>Code</b>	<b>Capacity (ml)</b>	<b>Height (mm)</b>
<b>P50802</b>	100	73
<b>P50803</b>	250	94
<b>P50804</b>	500	128
<b>P50805</b>	1000	150
<b>P50806</b>	2000	192
<b>P50807</b>	5000	263
<b>P50808</b>	10000	330

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

**Regd. Office:**  
13A, Government Place (East)  
Kolkata – 700069, India  
**CIN : U85100WB2008PTC123903**  
**GST : 05AAGCA8605A1Z7**

**P : +91 (0) 1332 235277**  
**E : labtech@abdosindia.com**  
**W: www.abdoslifesciences.com**

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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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DOMINIQUE DUTSCHER SAS



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