

# Technical Data Sheet

Doc No – Ab/TDS/GLP-145-II

Rev No: 03

## TECHNICAL DATA SHEET

**Abdos Labtech Pvt. Ltd.**

**TPX - Beakers without Handle**

**Valid for Catalog No. P50701, P50702, P50703, P50704, P50705, P50706, P50707, P50708**

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

#### **1.1 Description:**

Reusable TPX – Polymethylpentene (PMP) 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 TPX- Polymethylpentene (PMP)

1.4.2 Comply with requirement of Directive EU No 10/2011 and requirement of FDA Regulation 21 CFR 177.1520 (c) 3.3b Polymers.

1.4.3 Materials are manufactured according to the requirements of GMP Regulation (EC) No 2023/2006

1.4.5 Material does not contain any Hazardous chemical substance & compliance with REACH AVHC & RoHS Free.

1.4.6 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.



Shiv Ganga Industrial Estate,  
Plot no. 1 Lakeshwari, Bhagwanpur,  
Roorkee - 247667 Uttarakhand, India  
**An ISO 9001:2008 Company**  
A Division of Abdos

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

**P :** +91 (0) 1332 235277  
**E :** info@abdoslaware.com  
**W :** www.abdoslaware.com

# Technical Data Sheet

## 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 Polymethylepentene (PMP)


**2.1 Temperature range:** -80°C to +175°C

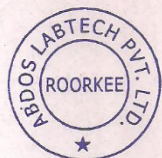
**2.3 Autoclavability:** Yes, Autoclavable at 15 psi and 121°C for 20 minutes

**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.

  
Quality Assurance Incharge  
Abdos Labtech Pvt. Ltd.



Shiv Ganga Industrial Estate,  
Plot no. 1 Lakeshwari, Bhagwanpur,  
Roorkee - 247667 Uttarakhand, India  
**An ISO 9001:2008 Company**  
A Division of Abdos

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

**P :** +91 (0) 1332 235277  
**E :** info@abdoslabware.com  
**W :** www.abdoslabware.com