

# Technical Data Sheet

Doc No – Ab/TDS/GLP-145-II

Rev No: 04 Date 11/2019

## 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 – Polymethypentene (PMP) Beaker without Handle

#### 1.2 Design:

Tapered Stacking Design

#### 1.3 Performance Specifications:

##### 1.3.1

Code	Capacity (ml)	Height (mm)
P50701	50	59
P50702	100	73
P50703	250	94
P50704	500	128
P50705	1000	150
P50706	2000	192
P50707	5000	263
P50708	10000	328

1.3.2 Tolerance limit  $\pm 10\%$

#### 1.4 Material:

1.4.1 TPX- Polymethylpentene (PMP)

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



**ABDOS**

Shiv Ganga Industrial Estate,  
Plot no.1 Lakeshwari, Bhagwanpur,  
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1.4.3 Materials are manufactured according to the requirements of GMP Regulation (EC) No 2023/2006. 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”

1.4.5 Material does not contain any Hazardous chemical substance & compliance with REACH AVHC & RoHS Free. Free from heavy metals according to ELV directive 2000/53/EC and its following amendments.

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.

## 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.



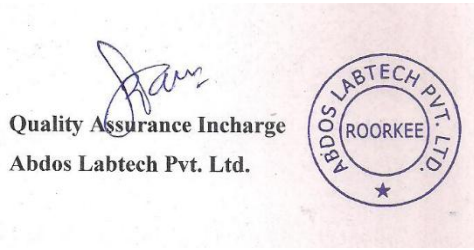
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