

# Technical Data Sheet

Doc No – Ab/TDS/GLP-148

Rev No : 04 Date 11/2019

## TECHNICAL DATA SHEET

**Abdos Labtech Pvt. Ltd.**

**Measuring Cylinder – TPX- Class B**

**Valid for Catalog No. P50401, P50402, P50403, P50404, P50405, P50406, P50407, P50408**

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

#### **1.1 Description:**

TPX Measuring Cylinder

#### **1.2 Design:**

1.2.1 Body: Cylindrical with generous pour spout for smooth of liquid while dispensing

1.2.2 Base: Hexagonal Base for firm stability

#### **Performance Specifications:**

Code	Capacity (ml)	Sub Division(ml)	Error limit ( $\pm$ ml)	Height (mm)
P50401	10	0.2	0.2	138
P50402	25	0.5	0.5	170
P50403	50	1	1	198
P50404	100	1	1	257
P50405	250	2	2	314
P50406	500	5	5	344
P50407	1000	10	10	412
P50408	2000	20	20	482

#### **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 (c) 3.3b Polymers.

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

**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**

# Technical Data Sheet

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:

Molded in, large and Easy to read graduations

Meets accuracy requirements of Class B under DIN 12681/ISO 6706”

## 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.

Pack Size : 3, 6 & 12 pieces/case

## 2. Basic Features

2.1 Made up of High purity Virgine Polymethylepentene (PMP)

2.1 Temperature range: -40°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

**ABDOS**

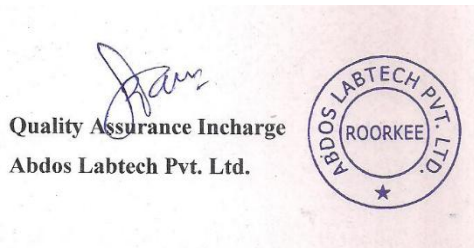
**Shiv Ganga Industrial Estate,**  
Plot no.1 Lakeshwari, Bhagwanpur,  
Roorkee – 247667 Uttrakhand, India  
**An ISO 9001 & 13485 Certified**  
A Division of Abdos

**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**

# Technical Data Sheet

All plastic consumables are autoclavable at 121<sup>0</sup>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<sup>0</sup>C before removing product.



**ABDOS**

**Shiv Ganga Industrial Estate,**  
Plot no.1 Lakeshwari, Bhagwanpur,  
Roorkee – 247667 Uttrakhand, 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