

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

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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

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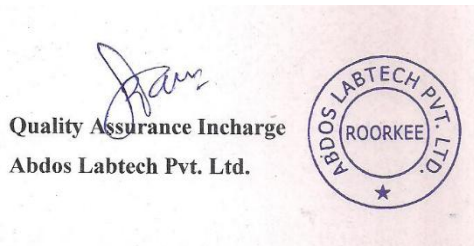
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All plastic consumables are autoclavable at 121⁰C for 20 minutes, 15 psi/1atm. Do not use a dry cycle as this may cause deformation or weakening of the plastic. Allow temperature within the autoclave to return to at least 50⁰C before removing product.



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