

TECHNICAL DATA SHEET

Doc No – Ab/TDS/ GLP-155- II
Rev No: 09 Date- 05/2024-25

Abdos Labtech Pvt. Ltd.
TPX - Beakers without Handle

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

SRN (Single Registration Number): IN-MF-000022272

1. Description/Specification

1.1 Description: Reusable TPX – Polymethypentene (PMP) Beaker without Handle

1.1.1 TPX Material has distinct advantage of high transparency & chemical resistivity, also has higher thermal withstand capacity over PP beakers.

1.1.2 Tapered stacking style saves space and makes it easy to handle.

1.1.3 All sizes have easy to read silk-screened graduations.

1.1.4 Precise pouring spouts.

1.2 Design: Tapered Stacking Design

1.3 Performance Specifications:

1.3.1

Code	Capacity (ml)	Printing (Min - Mix)	Subdivision	Height (mm)	OD with Spout (mm)	OD (mm)	No./ Case
P50701	50 ml	10ml - 50ml	5ml	59 mm	54	50.5mm	12
P50702	100 ml	20ml - 100ml	10ml	73 mm	71	63.5mm	12
P50703	250 ml	50ml -250ml	25ml	94 mm	92	83mm	12
P50704	500 ml	100ml - 600ml	50ml	128 mm	119	109.5mm	6
P50705	1000 ml	100ml - 1000ml	50ml	150 mm	141	130mm	4
P50706	2000 ml	200ml - 2000ml	100ml	192 mm	174	158mm	4
P50707	5000 ml	1000ml - 5000ml	500ml	263 mm	225	203mm	2
P50708	10000 ml	2000ml - 10000ml	1000ml	328 mm	276	250mm	1

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1.3.2 Tolerance limit $\pm 10\%$

1.4 Material:

1.4.1 TPX- Polymethylpentene (PMP), confirm US FDA 21CFR

1.4.2 The product complies with USP class VI. Free from Heavy metals, it is safe to use in contact with food stuff, Pharmaceuticals & drinking water.

1.4.3 Product is manufactured without the use of Raw Materials of animal origin. Therefore BSE/TSE issue does not concern this product to the best of our knowledge. No materials containing latex or natural rubber are used in the Manufacturing, handling & packaging process for this product.

1.5 Color: Translucent (Natural)

1.6 Graduations:

1.6.1 Large, Printed with temperature, chemical and solvent resistant ink.

1.6.2 Meets accuracy requirements under “DIN 12231/ISO 7056 – 1981 (E) & BS 5404 Part 1 ”.

1.7 Sterilization:NA

1.8 Quality control:

Products are manufactured, inspected and found to be in compliance with product & quality specification requirements as documented in ISO 9001:2015 & 13485:2016 Quality Management System. Testing of various characteristics in accordance with the valid specification, inspection reviewed & signed for product release amendments.

1.9 Other Information:

Reusable can be autoclaved up to 10 autoclave cycle.

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2. Basic Features

2.1 Made up of High purity Virgin Polymethylepentene (PMP)

2.1 Temperature range: -80⁰C to +175⁰C

2.3 Autoclavability: Yes, Autoclavable at 15 psi and 121⁰C for 20 minutes

2.4 Chemical resistance: See website (www.abdoslifesciences.com)

2.5 Manufactured in Aseptic Environment

2.6 Intended use: Widely used in scientific studies of molecular biology, clinical chemistry, biochemistry and any type of scientific laboratory.

Autoclaving Guideline for Plastics

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.

Instruction for Use

Product can be used for food contact also.

Storage temp. Max 30°C

Before using the product check crackness, pouch punctured etc.

Check all the information printed on pouches or boxes.

Always wear gloves while handling specimens.








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WARNING

DO NOT store strong oxidizing agents.
DO NOT place any plastic labware in a flame.
DO NOT mix any chemicals that may result in a thermic reaction, which can cause product failure.
Consult local fire codes prior to storage of flammable liquids.

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