

Technical Data Sheet

Doc No – Ab/TDS/GLP-158-II

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TECHNICAL DATA SHEET

Abdos Labtech Pvt. Ltd.

TPX - Beakers with Handle

Valid for Catalog No. P50902, P50903, P50904, P50905, P50906, P50907, P50908,

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:

Tracked Stacking Design

Rectangular handle for easy Carrying and pouring.

1.3 Performance Specifications:

1.3.1

Code	Capacity (ml)	Printing (Min - Mix)	Sub division	Height (mm)	No./ Case
P50902	100 ml	20ml - 100ml	10ml	73 mm	6
P50903	250 ml	50ml -250ml	25ml	94 mm	6
P50904	500 ml	100ml - 600ml	50ml	128 mm	6
P50905	1000 ml	100ml - 1000ml	50ml	150 mm	4
P50906	2000 ml	200ml - 2000ml	100ml	192 mm	4
P50907	5000 ml	1000ml - 5000ml	500ml	263 mm	2
P50908	10000 ml	2000ml - 10000ml	1000ml	330 mm	1

1.3.2 Tolerance limit $\pm 10\%$

1.4 Material:

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

1.4.2 Complies with the requirement of European Pharmacopoeia, Plastic Containers and closures for Pharmaceutical use.



Abdos Labtech Private Limited
(A Division of Abdos Group)
(An ISO 9001,13485,14001,18385,GMP & CE certified company)
Shiv Ganga Industrial Estate
Plot No-1, Lakheswari, Bhagwanpur,
Roorkee-247667, (UK) INDIA

Registered office
13A Government
Place East, 2nd Floor Kolkata
West Bengal – 700069
CIN: U85100WB2008PTC123903

Corporate Office
319, 3rd Floor, DLF Tower A, DDA Dist. Centre
Jasola, New Delhi - 110025

Ph. No: +91- (0) 1332235277
Email:labtech@abdosindia.com
Web: www.abdoslifesciences.com
GST: 05AAGCA8605A1Z7

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1.4.3 The product has passed the USP testing including class VI tests, Materials has successfully passed the biological tests according to ISO 10993 external communication devices for indirect blood contact for Prolonged period.

1.4.4 Free from Heavy metals, RoHS Free according to meets relevant requirements of EU regulations 1935/2004/CE, 2002/95/EC as amended, UE 10/2011 as amended. EU CONEG & its following amendments. It is safe use in contact with food stuff, Pharmaceuticals & drinking water

1.4.5 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 12681/ISO 7056 – 1981 (E) & BS 5404 Part 1".

1.7 Sterilization:

NA

1.8 Quality control:

Product 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.

2. Basic Features

2.1 Made up of High purity Virgin Polymethylepentene (PMP)

2.2 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



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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 etc.
Check all the information printed on pouches or boxes.
Always wear gloves while handling specimen.

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.





NON STERILE  

UKRP
Obelis UK LTD
Sandford Gate,
East Point Business Park,
Oxford OX4 6LB
United Kingdom
Tel: +44.1491.378012
info@obelis.co.uk

EC REP
Obelis s.a.
Bd General Wahis 53
1030 Brussels Belgium
Tel: +(32) 2 732-59-54
Fax: +(32) 2 732-60-03
mail@obelis.net

Abdos Labtech Pvt. Ltd.
Plot No. 1 Lakshwari Bhagwanpur Roorkee 247667 (UK) India
Email : labtech@abdosindia.com, www.abdoslifesciences.com
Ph: +(91) 11 41081897

 Electronic iFL


Quality Assurance Incharge
Abdos Labtech Pvt. Ltd.

