

Technical Data Sheet

Doc No – Ab/TDS/GLP-146-II

Rev No : 03

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

1.2 Design:

Tracked Stacking Design

Rectangular handle for easy Carrying and pouring.

1.3 Performance Specifications:

1.3.1 Volume : 100 ml, 250 ml, 500 ml, 1000 ml, 2000 ml, 5000 ml, 10000 ml

1.3.2 Tolerance limit \pm 10%

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 177.1520 (c) 3.3b Polymers.

1.4.3 Materials are manufactured according to the requirements of GMP Regulation (EC) No 2023/2006

1.4.5 Material does not contain any Hazardous chemical substance & compliance with REACH SVHC & RoHS Free.

1.4.6 Meets accuracy requirements under “DIN 12681/ISO 7056 – 1981 (E) & BS 5404 Part 1 ”.

1.5 Color:

Translucent (Natural)



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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.

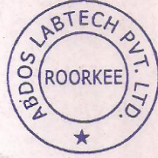
Autoclaving Guideline for Plastics

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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Quality Assurance Incharge
Abdos Labtech Pvt. Ltd.



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