



Making Positives

ABDOS LABTECH PRIVATE LIMITED

Doc No- Ab/TDS/Re-u -029-II

Rev No : 00

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-Polymethylpentene (PMP) Beakers with Handle

1.2 Design:

Tapered Stacking Design

Rectangular handle for easy carrying and pouring.

1.3 Performance Specifications:

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

1.3.2 Tolerance limit $\pm 0.1\%$

1.4 Material:

1.4.1 TPX-Polymethylpentene (PMP)

1.4.2 Complies 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 manufacturing according to the requirements of GMP Regulation (EC) No 2023/2006

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

1.5 Color:

Translucent (Natural)

1.6 Graduations:

Large, printed with temperature, chemical and solvents resistant ink.

1.7 Sterilization:

Can be autoclaved at 15psi, 121⁰C for 20 minutes

1.8 Quality control:

Testing of various characteristics in accordance with the valid Specification

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 Polymethylpentene (PMP)*
- 2.2 *Temperature range: -80° C to +175°C*
- 2.3 *Autoclavability: Yes, Autoclavable at 15psi 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, 15psi/1 atm. 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

Ravi Shekhar.



Quality Assurance Executive.

Abdos Labtech Pvt. Ltd.