



Making Positives

ABDOS LABTECH PRIVATE LIMITED

Doc No- Ab/TDS/Re-u -028-II

Rev No : 00

TECHNICAL DATA SHEET

Abdos Labtech Pvt. Ltd.

TPX-Beakers Without Handle

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

1. Description/Specification

1.1 Description:

Reusable TPX-Polymethylpentene (PMP) Beakers without Handle

1.2 Design:

Tapered Stacking Design

1.3 Performance Specifications:

1.3.1 Volume: 50 ml, 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 & compliance with REACH SVHC & RoHS Free.

1.5 Color:

Transparent (Natural)

1.6 Graduations:

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

1.7 Sterilization:

Can be autoclaved at 15psi, 121°C 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 (TPX)

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 20minutes, 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.

