

# Technical Data Sheet

Doc No – Ab/TDS/Cryo-30

Rev No : 03

## TECHNICAL DATA SHEET

**Abdos Labtech Pvt. Ltd.**

**Cryo Cube Box/ Storage Cube Box, PP**

**Valid for Catalog No. P20612, P20614, P20607**

### **1. Description/Specification**

#### **1.1 Description:**

Reusable Polypropylene (PP) Cryo Cube Box/ Storage Cube Box

#### **1.2 Design:**

Square Box with Transparent Lid.

#### **1.3 Performance Specification:**

1.3.1 Capacity : P20612 – 1.5, 2.0 ml Micro tube and 1.0, 2.0 ml Cryo tubes – 50 Places

Capacity : P20614 – 1.5, 2.0 ml Micro tube and 1.0, 2.0 ml Cryo tubes – 81 Places

Capacity : P20607 – 1.5, 2.0 ml Micro tubes and 1.0, 2.0 ml cryo tubes – 100 Places

1.3.2 Universal fit for 1.5, 2.0 ml Micro Tubes and 1.0, 1.8 ml Cryo tubes respectively.

#### **1.4 Material:**

1.4.1 Polypropylene (PP)

1.4.2 Comply with requirement of Directive 2002/72/EC and requirement of FDA Regulation 21 CFR 177.1520. olefin polymers.

1.4.3 Complies with the requirement of Indian Standard IS: 10910 on “ Specification for Polypropylene and its copolymer for its safe use in contact with food stuffs, Pharmaceutical and Drinking water”

1.4.4 Free from heavy metals according to ELV directive 2000/53/EC and its following amendments.

#### **1.5 Color:**

**Box :** Blue, Yellow & Green color

**Lid:** Transparent (Natural)



# Technical Data Sheet

## 1.6 Sterilization:

Can be autoclaved at 15 Psi, 121 °C for 15 minutes

## 1.7 Quality control:

Testing of various characteristic in accordance with the valid Specification

## 1.8 other Information:

Reusable, can be autoclaved up to 10 autoclave cycle.

## 2. Basic Features

**2.1 Made up of** High purity Virgin Polypropylene (PP)

**2.2 Performance:** Boxes have hinged lid & ultra smooth locking system ensure secure closure preventing accidental opening of these boxes in deep freezers.

**2.3** Inbuilt numbered and letters grid for sample identification.

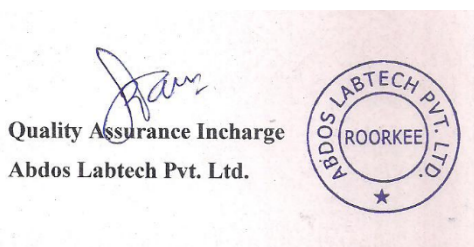
**2.4 Temperature range:** -20°C to +121°C

**2.5 Autoclavability:** Yes, Autoclavable at 15 psi and 121°C for 20 minutes

**2.6 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.



Shiv Ganga Industrial Estate,  
Plot no. 1 Lakeshwari, Bhagwanpur,  
Roorkee - 247667 Uttarakhand, India  
**An ISO 9001:2008 Company**  
A Division of Abdos

**Regd. Office :**  
13A, Government Place (East)  
Kolkata – 700069, India  
**CIN :** U85100WB2008PTC123903

**P :** +91 (0) 1332 235277  
**E :** info@abdoslabware.com  
**W :** www.abdoslabware.com