

Codes & Variations

02-4150:20g Clear, **02-4151:**20g White, **02-4153:**20g Amber, **02-4155:**20g Black, **02-4156:**20g Cobalt Blue,
02-4157:20g UV Clear, **02-4158:**20g Olive Green

02-41501:18g Clear, **02-41511:**18g White, **02-41531:**18g Amber, **02-41551:**18g Black, **02-41561:**18g Cobalt Blue,
02-41581:18g Olive Green

02-41502:16g Clear, **02-41512:**16g White, **02-41532:**16g Amber, **02-41552:**16g Black, **02-41562:**16g Cobalt Blue,
02-41582:16g Olive Green

Applications

PET Bottle 24.410 Cylinder 150ml is suitable for packaging cosmetics and pharmaceutical products.
It is also suitable for contact with food.

Properties

Components

Raw Material / Alternative: PET Resin, RAMAPET N1 / RAMAPET S1 / OCTAL GP01

PCR / Alternative (Dosage %) : -

Additive (Dosage %): UV Stabilizer, KRITILEN UV PT2320 (1%) @**02-4157**

Colored Masterbatch (Dosage %): White Opaque, NEOPET 69004 (3%) @**02-4151, 02-41511, 02-41512**

Amber Transparent, NEOPET 6621 (2%) @**02-4153, 02-41531, 02-41532**

Black Opaque, KRITILEN 91574 (0.6%) @**02-4155, 02-41551, 02-41552**

Cobalt Blue Transparent, KRITILEN 41628C (0.6%) @**02-4156, 02-41561, 02-41562**

Olive Green Transparent, NEOPET 6324-FA3 (3%) @**02-4158, 02-41581, 02-41582**

Physical Properties

Weight (g): 20 ±1 @**02-4150, 02-4151, 02-4153, 02-4155, 02-4156, 02-4157, 02-4158**

18 ±1 @**02-41501, 02-41511, 02-41531, 02-41551, 02-41561, 02-41581**

16 ±1 @**02-41502, 02-41512, 02-41531, 02-41552, 02-41562, 02-41582**

Total Height (mm): 134.8 ±1

Diameter on Major Axis (mm): 43.3 ±0.5

Diameter on Minor Axis (mm): 43.3 ±0.5

Height of Neck (mm): 16.6 ±0.5

Internal Diameter of Neck (mm): 18.9 ±0.2

Diameter of Thread (mm): 23.7 ±0.2

Min. Wall Thickness (mm): 0.25

Nominal Capacity (ml): 150

Overflow Capacity (ml): 162 ±5

Filling Level (mm): 21 ±2 between the rim of the neck and the nominal capacity level

Mechanical Properties

Top Load Resistance: 15kg minimum, under 3mm vertical pressure at a speed of 10 mm/min

Drop Test Resistance: 150cm maximum height

Packaging

The bottles are packed in sealed plastic bags, which are placed on cardboard trays. The cardboard trays are stacked onto a EUR-pallet. Finally, the entire package is wrapped in stretch film.

The packaging of the PET Bottle 24.410 Cylinder 150ml is the following:

Pieces per bag: 175

Bags per tray: 3

Total pieces per tray: 525

Trays per pallet: 12

Total pieces per pallet: 6,300

Storage Conditions

It is absolutely essential to keep PET containers away from direct sunlight and UV radiation; otherwise, this cause the PET containers to become deformed.

It is recommended to store the PET containers at temperatures between -35°C and 35°C ,in a closed storage area, free of odors and humidity, away from direct sunlight and UV light exposure, keeping them in their original packaging. The storage area must be clean and free of contamination or objects that could damage the packaging or the product upon contact.

Recyclability

PET containers are fully recyclable, due to the PET resins used in their manufacture. Any transparent colourants that used in manufacture of PET containers do not affect their recyclability. Opaque colourants may affect the recyclability of PET containers.

Post-industrial waste is recyclable, provided that all necessary measures are taken to sort, wash and decontamination the PET containers, caps and labels have been totally removed and provided that any other components contained do not prevent recycling.

Post-Consumer waste is recyclable, provided that all necessary measures are taken to sort, wash and decontamination the PET containers, caps and labels have been totally removed and provided that any other components contained do not prevent recycling.

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