

Summary
on
IS 15410 : 2003 - Containers for Packaging of Natural Mineral Water and Packaged
Drinking Water - Specification

The Indian Standard IS 15410:2003 – ‘Containers for Packaging of Natural Mineral Water and Packaged Drinking Water - Specification’ specifies requirements for raw materials, dimensional and performance requirements and methods of tests for plastic containers except flexible pouches, for packaging of natural mineral water and packaged drinking water used to package natural mineral water and packaged drinking water. This standard ensure that containers maintain water quality and prevent contamination.

The standard specifies the materials used for plastic containers shall be made of polyethylene(PE), poly vinylchloride (PVC), polyalkylene terephthalate (PET), polypropylene or polystyrene or polycarbonate. The containers shall be free from any visual defects like cavities, crevices, flaws and stains. Additionally, the containers shall undergo tests for performance, including Environmental stress resistance, transparency, leakage tests, drop tests, and migration tests to ensure no harmful substances leach into the water.

Sampling protocols, packaging and marking are also outlined in the standard.