

Gel Type Strong Acid Cation Exchange Resin

Puopack[®] PPC100H is a specially produced, premium narrow size grading, gel strong acid cation exchange resin, supplied in the hydrogen form. It is one of a range of **Puopack** products manufactured for use in modern day water treatment applications. **Puopack PPC100H** is especially recommended for use in all counterflow demineralization systems, including the **Puopack** system. It is produced using **Purolite's** proprietary direct manufacturing process (DMP) and which results in a highly uniform and tailored product which provides for economical regeneration by counterflow techniques.

Typical Physical and Chemical Characteristics

BASIC FEATURES:

Application - Demineralization - Packed Bed Grading - supplied in H⁺ form

Polymer Structure - Gel polystyrene crosslinked with DVB

Appearance - Amber, clear spherical beads

Functional Group - Sulfonic acid

Ionic Form as Shipped - H⁺

PRODUCT INFORMATION:

Total Capacity, Na ⁺ Form (min.)	2.0eq/l (43.7 Kgr/ft ³)
Moisture Retention, H ⁺ Form	51-55%
Mean Diameter	650 ± 50 µm
Uniformity Coefficient (max.)	1.2
Reversible Swelling, Na ⁺ → H ⁺ (max.)	8%
Specific Gravity	1.2 (H ⁺ form)
Shipping Weight (approx.)	745 - 785 g/l (46.6 - 49.1 lbs/ft ³)
Temp Limit, H ⁺ Form	120 °C (250 °F)
Temp Limit, Na ⁺ Form	140 °C (285 °F)