

Purolite A600U is a gel-type strong base anion exchange resin tailored for extraction of uranium complexes from the acidic sulfate or carbonate leachates originated from ISL, batch or heap leaching processes. Thanks to its special grading and high attrition resistance the resin is particularly suitable for use in 'Resin-in-Pulp' processes. It is also resistant to silica fouling. For uranium desorption sulfuric acid, nitrate, chloride or carbonate methods maybe applied.

Basic Features:

Application	Uranium Extraction
Polymer Structure	Gel polystyrene crosslinked with divinylbenzene
Appearance	Amber spherical beads
Functional Group	Quaternary ammonium
Ionic form as shipped	Chloride

Typical Physical and Chemical Characteristics:

Total Capacity (min.)	Cl ⁻	1.30 eq/l
Moisture Retention	Cl ⁻	40 - 50 %
Temp Limit	Cl ⁻	100 °C
Temp Limit	Cl ⁻	212 °F
pH Limits	Cl ⁻	0 - 14 (Operating)