

Purolite A660/4759 is a gel-type strong base anion exchange resin tailored for extraction of uranyl sulfate complexes from the acidic leachates originated from ISL, batch or heap leaching processes. This resin has higher affinity to uranyl sulfate complexes than Purolite A600U3472 resin has. Thanks to its special grading and high attrition resistance the A660/4759 resin is particularly suitable for use in 'Resin-in-Pulp' processes. It is also resistant to silica fouling. For uranium desorption acidic compositions should be used.

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 %
pH Limits		0 - 7 (Stability)

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