

Purolite A560/4790 is a macroporous-type strong base anion exchange resin efficient for extraction of uranium complexes in in-situ (ISL), batch or heap leaching and Resin-in-Pulp (RIP) processes. This product is similar to Purolite A500/2788 but has higher affinity towards uranyl sulfate complexes. Thanks to its specially graded particle size this resin is particularly suitable for use in RIP processes. Macroporous structure of the resin ensures regeneration efficiency and lower volume of desorbates while the desorbates have high uranium concentrations. For uranium desorption only acidic solutions are allowed. Purolite A560/4790 shows high resistance to osmotic and thermal shock and the mechanical attrition

**Basic Features:**

Application	Uranium Extraction
Polymer Structure	Macroporous polystyrene crosslinked with divinylbenzene
Appearance	Opaque spherical beads
Functional Group	
Ionic form as shipped	Chloride

**Typical Physical and Chemical Characteristics:**

Total Capacity (min.)	Cl <sup>-</sup>	1.10 eq/l
Moisture Retention	Cl <sup>-</sup>	50 - 58 %
Temp Limit	Cl <sup>-</sup>	100 °C
Temp Limit	Cl <sup>-</sup>	212 °F
pH Limits	Cl <sup>-</sup>	0 - 7 (Operating)

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