

Nuclear Grade Ion Exchange Resin

Purolite NRWP2400/4581 is a high capacity, nuclear grade, uniform particle size strong acid cation exchange resin especially designed for the removal of cations including radioactive isotopes from aqueous solutions. The product contains extremely low levels of other metal cations and is carefully converted to the hydrogen form. It may be mixed in the desired ratio with the strong base anion resin Purolite NRWP600/4582, which is supplied highly converted to the hydroxide form. Such mixtures are capable of removing both cationic and anionic contaminants. The product is supplied to exacting standards of high purity as given in the specifications below.

Basic Features:

Application	Decontamination of Radioactive Circuits
Polymer Structure	Gel polystyrene crosslinked with divinylbenzene
Appearance	Spherical beads
Functional Group	Sulphonic acid
Ionic form as shipped	H ⁺

Typical Physical and Chemical Characteristics:

Mean Size Typical	0.65-0.90 mm
Uniformity Coefficient (max.)	1.70