



LNR8715

NUCLEAR GRADE MIXED BED RESIN

IOL LNR8715 is a high capacity mixed bed ion exchange resin consisting of a mixture of a gel type I strong base anion resin and a gel strong acid cation resin. It's ready to use. Radioactive Waste Treatment-High capacity low TOC mixed bed intended for use in primary loops of circulating water in the nuclear power industry

PHYSICAL & CHEMICAL PROPERTIES

Polymer Matrix Structure	Styrene - DVB
Ionic Form, as shipped	Hydroxy/Hydrogen
Water Retention	60 – 70%/48 – 54%
Capacity in Volume	1.3 meq/ml min/2.0 meq/ml min
Shipping Weight	0.695– 0.735 g/ml
Uniformity Coefficient	≤ 1.60
Temperature Limit	60° C
Conversion (min)	95 %/99.9%
Screen Size Distribution	16 - 40 mesh
+16 mesh (U.S.Std)	< 5%
- 40 mesh (U.S. Std)	< 1%
Metals Content as ppm by weight of dry resin (max)	
Na+K	30 ppm
Fe	80 ppm
Heavy Metals	40 ppm
CO ₃ ⁻	5% max
Cl ⁻	0.1% max

PACKING

PE bag. 25 litres / Bag or 5 litres / Bag