PRODUCT DATA SHEET

Purolite™ CriticalResin™ NRW160Li7

polistirenic macroporos, Rasina cationica puternic acida, Forma ionica Li7, Categoria (de rasini tip) nuclear

PRINCIPALELE APLICATII

- decontaminare - Circuite radioactive

SISTEME

- Circuite radioactive

AMBALAJE TIPICE

- Cutie de1 CF
- Butoi (Fibră) de 5 CF

CARACTERISTICI TIPICE FIZICE SI CHIMICE

Structura polimerica	polimer polistiren macroporos reticulat cu DVB
Aspect	Perle sferice
Grupari functionale	acid sulfonic
Forma ionica	forma $^{7}Li^{+}$
Capacitatea totală (min.)	2.1 eq/L (45.9 Kgr/ft³) (forma $^{7}Li^{+}$)
reinerea umidităii	43 - 48 % (forma H^{+})
Distribuia granulometrică	425 - 1200 µm
< 425 µm (max.)	2 %
coeficient de uniformitate (max.)	1.7
conversie (min.)	99.9 % (forma $^{7}Li^{+}$)
Impurităi de fier (max.)	50 ppm
Impurităi de sodiu (max.)	40 ppm
Impurităi de metale grele (max.)	40 ppm
densitate specifică	1.24
Greutate de transport (aprox.)	770 - 810 g/L (48.1 - 50.6 lb/ft³)
Limita de temperatură	120 °C (248.0 °F)

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