

Purolite™ CriticalResin™ NRW5050

Polystyrénique Macroporeux, Anion
fortement basique de type I, Forme
hydroxyde, Granulométrie uniforme,
Qualité nucléaire

APPLICATIONS PRINCIPALES

- Purification des condensats de vapeur
- Déboratation du circuit primaire RCV
- Traitement de finition du circuit primaire
- Décontamination des circuits des eaux usées radioactives
- Composante anionique du lit mélangé

CONDITIONNEMENT CLASSIQUE

- 1 CF Box
- Fût (fibre) 5 ft³

AVANTAGES

- Très sélectif pour le bore
- Conversion sous forme hydroxyde élevée
- Faible taux résiduel en chlorures et sulfates
- Taux résiduel en métaux minimum
- Faible taux d'extractibles et faible rinçage

CARACTÉRISTIQUES PHYSICO-CHIMIQUES TYPIQUES

Structure du polymère	Polystyrène macroporeux réticulé au divinylbenzene
Apparence	Billes sphériques
Groupe fonctionnel	Amine quaternaire de type I
Forme ionique	Forme OH ⁻
Capacité totale (min.)	0.9 eq/L (19.7 kgr/ft³) (Forme OH ⁻)
Rétention d'humidité	53 - 58 % (Cl ⁻)
Diamètre moyen	570 ± 50 µm
Coefficient d'uniformité (max.)	1.2
Conversion (min.)	95 % (Forme OH ⁻)
Impuretés en fer (max.)	50 ppm
Impuretés en sodium (max.)	20 ppm
Impuretés en métaux lourds (max.)	30 ppm
Forme anionique, CO ₃ ²⁻ (max.)	5 %
Forme anionique, SO ₄ ²⁻ (max.)	0.1 %
Forme anionique, Cl ⁻ (max.)	0.1 %
Densité réelle	1.09
Densité apparente (approx.)	670 - 710 g/L (41.9 - 44.4 lb/ft³)
Températures limites, non-régénérable	100 °C (212.0 °F) (Forme OH ⁻)

Ecolab is a global developer, manufacturer, and supplier of Purolite™ Resins including ion exchange, catalyst adsorbent and advanced polymers that make the world cleaner and healthier.

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