

Macronet™ MN150

Hyper-crosslinked Polystyrenic
makroporös, Adsorbent Resin, Weak
Base Functionality, Freie Base Form

EINSATZGEBIETE

- Sorption
- Separierung von hydrophobischen organischen Verbindungen
- Entfärbung - Süßungsmittel
- Entfärbung - Bier
- Verkapselung von Porphyrinen

VORTEILE

- hohe mechanische Stabilität
- große Oberfläche im Vergleich zu standard Adsorbent
- zweierlei Ionische/hydrophobe Wechselwirkungen

BEHÖRDLICHE GENEMIGUNGEN

- IFANCA Halal zertifiziert
- Kosher zertifiziert
- Konform mit der FDA Regulation 21 CFR 173.25 for Food Treatment, Ion Exchangers
- Konform mit der europäischen Resolution ResAP 2004 3
- GMO/TSE/BSE frei

TYPISCHE VERPACKUNGEN

- 1 CF Sack
- 25 L Sack
- 5 CF Papptrommel
- 1 M³ Big bag
- 42 CF Supersack

TYPISCHE PHYSIKALISCHE & CHEMISCHE EIGENSCHAFTEN:

Polymerstruktur	makroporöses Polystyrol quervernetzt mit Divinylbenzol
Aussehen	Spherische Kugeln
Funktionelle Gruppe	tertiäres Amin
Ionische Form	freie Base
Totalkapazität (min.)	0.2 eq/L (4.4 Kgr/ft ³) (Cl ⁻)
Wassergehalt	50 - 58 % (Cl ⁻)
mittler Korndurchmesser	535 ± 85 µm
Partikelgrößen Bereich	300 - 1200 µm
Uniformitätskoeffizient (max)	1.4
reversible Volumenänderung, FB → Cl ⁻ (max.)	5 %
Porenvolumen (min.)	0.6 mL/g
Spezifische Dichte	1.09
d50,Meso- und Makroporen (min.)	460 Å
d50, Microporen	14 Å
stark basische Kapazität (max.)	20 %
Oberfläche (min.)	800 m ² /g
Schüttgewicht (ca.)	685 - 720 g/l (42.8 - 45.0 lb/ft ³)
Temperaturlimit	60 °C (140.0 °F) (freie Base Form)
pH limit, Stabilität Stability	0 - 14



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