

Purolite® A103SPlus

**Polystyrenic Macroporous Weak
Base Anion Resin Free Base
form, Sugar Grade**

PRINCIPAL APPLICATIONS

- Demineralization - Sugar solutions
- Decolorization - Sugar Solutions

ADVANTAGES

- High operating capacity
- Superior elution efficiency of organics during regeneration
- Excellent resistance to osmotic shock
- Physically resistant to mechanical breakage
- Good rinse characteristics

REGULATORY APPROVALS

- Kosher Certified
- Compliant with FDA Regulation 21 CFR 173.25 for Food Treatment, Ion Exchangers

TYPICAL PACKAGING

- 1 CF Sack
- 25 L Sack
- 5 CF Drum (Fiber)
- 1 M³ Supersack
- 42 CF Supersack
- Bulk Tanker (NA only)

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Macroporous polystyrene crosslinked with divinylbenzene
Appearance	Spherical beads
Functional Group	Tertiary Amine
Ionic Form	FB
Total Capacity	1.5 eq/L (32.8 Kgr/ft ³) (FB form)
SBC	12 - 20 %
Moisture Retention	51 - 58 % (Cl ⁻ form)
Particle Size Range	425 - 1200 µm
< 425 µm (max.)	2 %
Uniformity Coefficient (max.)	1.6
Reversible Swelling, FB → Cl ⁻ (max.)	25 %
Specific Gravity	1.04
Shipping Weight (approx.)	645 - 675 g/L (40.3 - 42.2 lb/ft ³)
Temperature Limit	100 °C (212.0 °F) (Cl ⁻ form)
Temperature Limit	60 °C (140.0 °F) (FB form)



LENNTECH

info@lennotech.com Tel. +31-152-610-900
www.lennotech.com Fax. +31-152-616-289

