

Purolite® A100DRPlus

Polystyrenic Macroporous, Weak
Base Anion Resin, Free Base form

PRINCIPAL APPLICATIONS

- Acid Removal

REGULATORY APPROVALS

- LPPOM MUI Halal Certified

TYPICAL PACKAGING

- 1 ft³ Sack
- 25 L Sack
- 5 ft³ Drum (Fiber)
- 1 m³ Supersack
- 42 ft³ 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
Dry Weight Capacity (min.)	3.9 eq/kg (FB form)
SBC	10 - 20 %
Moisture Retention	53 - 62 % (Cl ⁻ form)
Residual Moisture (max.)	5 %
Particle Size Range	300 - 1200 µm (Water swollen form)
< 300 µm (max.)	1 %
Uniformity Coefficient (max.)	1.7
Reversible Swelling, FB → Cl ⁻ (max.)	22 %
Specific Gravity	1.04
Temperature Limit	100 °C (212.0 °F) (Cl ⁻ form)
Temperature Limit	60 °C (140.0 °F) (FB form)



Americas
T +1 610 668 9090
F +1 610 668 8139
americas@purolite.com

EMEA
T +44 1443 229334
F +44 1443 227073
europe@purolite.com

Asia Pacific
T +86 571 876 31382
F +86 571 876 31385
asiapacific@purolite.com

FSU
T +7 495 363 5056
F +7 495 564 8121
fsu@purolite.com

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Americas

T +1 610 668 9090
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americas@purolite.com

EMEA

T +44 1443 229334
F +44 1443 227073
europa@purolite.com

Asia Pacific

T +86 571 876 31382
F +86 571 876 31385
asiapacific@purolite.com

FSU

T +7 495 363 5056
F +7 495 564 8121
fsu@purolite.com