

PRODUCT DATA SHEET

Puromet™ MTA1721

Polystyrenic Gel, Weak Base Anion
Resin, Free Base form

PRINCIPAL APPLICATIONS

- Rhenium removal

ADVANTAGES

- Good mechanical strength
- Good resistance to osmotic and thermal shock

SYSTEMS

- Acidic liquors and pulps

TYPICAL PACKAGING

- 1 ft³ Sack
- 25 L Sack
- 5 ft³ Drum (Fiber)
- 1 m³ Supersack
- 42 ft³ Supersack
- Bulk Tanker (NA only)

* Formerly A172/4635

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Gel polystyrene crosslinked with divinylbenzene
Appearance	Spherical Beads
Functional Group	Complex Amine
Ionic Form	FB
Total Capacity (min.)	1.2 eq/L (26.2 Kgr/ft ³) (FB form)
Moisture Retention	25 - 45 % (Cl ⁻ form)
Mean Diameter	570 ± 50 µm
Uniformity Coefficient (max.)	1.3
Reversible Swelling, FB → Cl ⁻ (max.)	20 %
Specific Gravity	1.07
Shipping Weight (approx.)	660 - 700 g/L (41.2 - 43.8 lb/ft ³)
Temperature Limit	60 °C (140.0 °F) (FB form)
Temperature Limit	80 °C (176.0 °F) (Cl ⁻ form)



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Americas

Puro-lite
2201 Renaissance Blvd.
King of Prussia, PA 19406
T +1 800 343 1500
T +1 610 668 9090
F +1 800 260 1065
americas@puro-lite.com

EMEA

Puro-lite Ltd.
Unit D
Llantrisant Business Park
Llantrisant, Wales, UK
CF72 8LF
T +44 1443 229334
F +44 1443 227073
emea@puro-lite.com

FSU

Puro-lite Ltd.
Office 6-1
36 Lyusinovskaya Str.
Moscow, Russia
115093
T +7 495 363 5056
F +7 495 564 8121
fsu@puro-lite.com

Asia Pacific

Puro-lite China Co. Ltd.
Room 707, C Section
Huanglong Century Plaza
No.3 Hangda Road
Hangzhou, Zhejiang, China 310007
T +86 571 876 31382
F +86 571 876 31385
asiapacific@puro-lite.com

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