

Puromet™ MTA5012

Poliestireno Macroporoso, Resina
Aniónica Fuertemente Básica Tipo I,
Forma de cloruro, Grado RIP

PRINCIPALES APLICACIONES

- Recuperación de uranio

VENTAJAS

- Superior Resistencia mecánica
- Esferas de tamaño grande

SISTEMAS

- Proceso de resina en pulpa (RIP)
- Licores ácidos y pulpas

ENVASE TÍPICO

- Bolsa de 1 pie³
- Bolsa de 25 L
- Tambor (fibra) de 5 pie³
- Supersack de 1 m³
- Supersack de 42 pie³

CARACTERÍSTICAS FÍSICAS Y QUÍMICAS:

Estructura del polímero	Poliestireno macroporoso Reticulado con divinilbenceno
Aspecto	Esferas
Grupo funcional	Amonio cuaternario de tipo I
Forma iónica	Cl ⁻ forma
Capacidad total (min.)	1.15 EQ/L (25.1 Kgr/pie ³) (Cl ⁻ forma)
Retención de la humedad	54 - 61 % (Cl ⁻ forma)
Rango de tamaño de esferas	800 - 1300 μm
< 710 μm (max.)	1 %
Hinchamiento reversible, Cl ⁻ → OH ⁻ (max.)	25 %
Densidad específica	1.08
Peso de envío (aprox.)	670 - 700 g/L (41.9 - 43.8 lb/pie ³)
Límite de temperatura	100 °C (212.0 °F) (Cl ⁻ forma)
Límite de temperatura	64 °C (147.2 °F) (OH ⁻ forma)



Algeria
Australia
Bahrain
Brazil
Canada
China
Czech Republic
France
Germany

India
Indonesia
Israel
Italy
Japan
Jordan
Kazakhstan
Korea
Malaysia

Mexico
Morocco
New Zealand
Poland
Romania
Russia
Singapore
Slovak Republic
South Africa

Spain
Taiwan
Tunisia
Turkey
UK
Ukraine
USA
Uzbekistan



Americas

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

EMEA

Purolite Ltd.
Unit D
Llantrisant Business Park
Llantrisant, Wales, UK
CF72 8LF
T +44 1443 229334
F +44 1443 227073
emea@purolite.com

FSU

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

Asia Pacific

Purolite 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@purolite.com

The statements, technical information and recommendations contained herein are believed to be accurate as of the date hereof. Since the conditions and methods of use of the product and of the information referred to herein are beyond our control, Purolite expressly disclaims any and all liability as to any results obtained or arising from any use of the product or reliance on such information; NO WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE, WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, IS MADE CONCERNING THE GOODS DESCRIBED OR THE INFORMATION PROVIDED HEREIN. The information provided herein relates only to the specific product designated and may not be applicable when such product is used in combination with other materials or in any process. Nothing contained herein constitutes a license to practice under any patent and it should not be construed as an inducement to infringe any patent and the user is advised to take appropriate steps to be sure that any proposed use of the product will not result in patent infringement.