

# Purolite™ CriticalResin™ NRW160Li7

Poliestirênico Macroporoso, Resina  
Catiônica Fortemente Ácida, Forma  
de Lítio 7, Grau Nuclear

## APLICAÇÕES PRINCIPAIS

- Descontaminação - circuitos radioativos

## SISTEMAS

- Circuitos Radioativos

## EMBALAGEM TÍPICA

- Caixa de 1 pé<sup>3</sup>
- Tambor (Fibra) de 5 pé<sup>3</sup>

## CARACTERÍSTICAS FÍSICO-QUÍMICAS TÍPICAS:

Estrutura Polimérica	Reticulado de poliestireno macroporoso com divinilbenzeno
Aparência	Esferas
Grupo Funcional	ácido sulfônico
Forma Iônica	<sup>7</sup> Li <sup>+</sup> forma
Capacidade Total (min.)	2.1 eq/L (45.9 Kg/ft <sup>3</sup> ) ( <sup>7</sup> Li <sup>+</sup> forma)
Retenção de Umidade	43 - 48 % (forma H <sup>+</sup> )
Faixa de Tamanho de esferas	425 - 1200 µm
< 425 µm (max.)	2 %
Coefficiente Uniformidade (max.)	1.7
Conversão (min.)	99.9 % ( <sup>7</sup> Li <sup>+</sup> forma)
Impurezas de Ferro (max.)	50 ppm
Impurezas de Sódio (max.)	40 ppm
Impurezas de Metais Pesados (max.)	40 ppm
Peso Específico	1.24
Peso de Embarque (aprox.)	770 - 810 g/L (48.1 - 50.6 lb/ft <sup>3</sup> )
Limite de Temperatura	120 °C (248.0 °F)

Ecolab is a global developer, manufacturer, and supplier of Purolite™ Resins including ion exchange, catalyst adsorbent and advanced polymers that make the world cleaner and healthier.

[www.puoliteresins.com](http://www.puoliteresins.com)



We're ready to solve your process challenges.

For further information on products and services, visit [www.puoliteresins.com](http://www.puoliteresins.com) or complete a Contact Us form via [PuoliteResins.com/contact-us](http://PuoliteResins.com/contact-us) or use the QR code.

Contact Us Form:



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.