

QuantumPure™ IR-70

Product Data Sheet

Inert Resins

LG QuantumPure™ offers a comprehensive selection of high-performance ion exchange (IX) resins, designed to address a wide range of water treatment needs from deionization and softening to selective ion removal. Manufactured with state-of-the-art processes, LG QuantumPure™ IX resins provide consistent quality, excellent chemical resistance, and extended service life, reducing the frequency of replacements and maintenance.

[IR-70]

Top layer in packed bed system to protect nozzle plates from blockage allowing the passage of suspended solids & resin fragments. It also helps in uniform dispersion of regenerant

Physical and Chemical Properties

Product Name	QuantumPure™ IR-70
Matrix	Polyethylene
Specific Gravity*	0.85–0.95
Average Diameter (µm)	≥1,200
Shipping Weight (g/L)*	500–600

Recommended Operating Conditions

Max. Operating Temp.. (°C) [°F]	90 [194]
Min. Bed Depth (mm)	150
pH Range	0–14

*The values specified are for reference only and does not guarantee performance.

The product performance is expressly conditioned on Buyer's storing, installing, operating, and maintaining Product in accordance with industry accepted good practices and Seller's written instructions provided in the Seller's Technical Manual may be viewed and downloaded at www.lgwatersolutions.com information and data contained herein are Deemed to be accurate and reliable and are offered in good faith, but without guarantee of performance. LG Chem assumes no liability for results obtained or damages incurred

through the application of the information contained herein. Customer is responsible for determining whether the products and information presented herein are appropriate for the customer's use and for ensuring that customer's workplace and disposal practices are in compliance with applicable laws and other governmental enactments. Specifications subject to change without notice. QuantumPure is the Trademark of LG Chem. All rights reserved. © LG Chem, Ltd.