

**Lewatit® K 6367** is a strongly basic, gel-type resin (type-1) on the basis of a polystyrene-DVB copolymer with a monodisperse bead size distribution, i.e. beads of almost the same size. Its significantly higher mean particle size offers the following advantages over “standard grade” strong base anion exchange resins:

- Lower dynamic pressure drop at the same flow rate
- Diminished risk of the accumulation of suspended solids and clogging
- Higher linear velocities in fluidized bed systems due to lower bed expansion rates
- Easier screening and sieving during resin/feed separation and thus less resin losses

**Lewatit® K 6367** resin can be employed for:

- The removal of precious metal cyano and chloro complexes from waste water or process streams
- The removal of anionic heavy metal complexes from hydrochloric acid
- The recovery of uranium from both carbonate as well as acid leach solutions, especially in fluidized bed (e.g. NIMCIX columns) and fixed bed systems

The special properties of this product can only be fully utilized if the technology and process used correspond to the current state-of-the-art. Further advice in this matter can be obtained from Lanxess Corporation.

### Common Description

Delivery form	Cl <sup>-</sup>
Functional group	Quaternary ammonium, type 1
Matrix	Styrenic
Structure	Gel
Appearance	Light yellow, translucent

### Specified Data

Uniformity coefficient		max.	1.2
Mean bead size	d50	mm	0.92 (+/-0.05)
Total capacity (delivery form)		min. eq/L	1.2

### Typical Physical and Chemical Properties

		Metric Units	
Bulk density for shipment	(+/- 5%)	g/L	630
Water retention (delivery form)		approx. weight %	49-54
Volume change (Cl <sup>-</sup> -OH <sup>-</sup> )		max. approx. %	20
Stability pH range			0-14
Stability temperature range		°C	1-70
Storability temperature range		°C	-20 - +40

### Operation

		Metric Units	
Operating temperature		max. °C	70
Operating pH range	during exhaustion		0-12
Bed depth for single column		min. mm	1000
Max. pressure loss during operation		kPa	250

## Additional Information & Regulations

**PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE OF PRODUCTS MENTIONED HEREIN IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING ANY PRODUCT, ALWAYS READ PRODUCT AND SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION.**

### **Safety precautions**

Strong oxidants, e.g. nitric acid, can cause violent reactions if they come into contact with ion exchange resins.

### **Disposal**

In the European Community ion exchange resins have to be disposed, according to the European waste nomenclature which can be accessed on the internet-site of the European Union.

### **Storage conditions**

It is recommended to store ion exchange resins at temperatures above the freezing point of water under roof in dry conditions without exposure to direct sunlight. If resin should become frozen, it should not be mechanically handled and left to thaw out gradually at ambient temperature. It must be completely thawed before handling or use. No attempt should be made to accelerate the thawing process.

### **Storage time**

The recommended storage time for this product is explained in the technical document "Technical guidelines on the storage of Lewatit® ion exchange resins" available for download on our website. Please use the following link for more information: <https://lanxess.com/en/products-and-brands/brands/lewatit/literature>

### **Packaging**

The experience has shown that the packaging stability for reliable resin containment is limited to 24 months under the storage conditions described within the product safety information. It is therefore recommended to use the product within this time frame; otherwise the packaging condition should be checked regularly.

# PRODUCT INFORMATION

## LEWATIT® K 6367



**Head Office:** 54/18 Bui Quang La, An Hoi Tay Ward, HCMC, Vietnam  
**Branch Office:** 77 Dong Hung Thuan 10B, Dong Hung Thuan Ward, HCMC, Vietnam  
**Phone:** (028) 6258 5368 – (028) 6291 9568  
**Email:** [info@atswatertechnology.com](mailto:info@atswatertechnology.com)  
**Website:** [www.atswatertechnology.com](http://www.atswatertechnology.com)

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations are beyond our control. Therefore, it is imperative that you test our products, technical assistance and information to determine to your own satisfaction whether they are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by us. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information.

Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with patents covering any material or its use. No license is implied or in fact granted under the claims of any patent.

**LANXESS Corporation**  
111 RIDC Park West Dr  
12275-1112 Pittsburgh-Allegheny  
USA

+1-800-678-0020  
[lewatit@lanxess.com](mailto:lewatit@lanxess.com)

[www.lanxess.com](http://www.lanxess.com)  
[www.lpt.lanxess.com](http://www.lpt.lanxess.com)

This document contains important information and must be read in its entirety.

Edition: 2025-05-19  
Previous Edition: 2024-09-10