

Product Information

CHLOROCEL® 905

Zeolite-based premium chloride adsorbent

PRODUCT DESCRIPTION

Zeolite-based premium chloride adsorbent for use in vapor and liquid phase chloride adsorption applications. Specially formulated to provide high chloride loading capacity compared to previous generation products while inhibiting the formation of "green oil" and organic chlorides. Particularly effective in removing inorganic and organic chlorides from catalytic reformer process streams including recycle hydrogen, net hydrogen and reformat streams.

Typical Properties

Property	Unit	Value
Bulk Density	kg/m ³	640
Particle Size		8 x 12 mesh, 1/16" (1.5 mm); 4 x 8 mesh, 1/8" (3 mm)
Product Form		Spherical

The data represents typical values (no product specification)

TYPICAL APPLICATIONS

Spherical adsorbent for the removal of HCl from various gas and liquid process streams. Specially formulated to pro-

vide high chloride loading while inhibiting the formation of "green oil" and organic chlorides. Particularly effective in reforming operations.

BENEFITS & ADVANTAGES

- Particularly effective in removing inorganic and organic chlorides from catalytic reformer process streams including recycle hydrogen, net hydrogen and reformat streams
- Can be combined with other products in the Evonik Chlorocel portfolio to treat a range of challenging process streams

PACKAGING

- 1000 kg (2205-lb) supersacks
- 150 kg steel drums available

STORAGE

The material should be stored in its original container and in a dry, covered location protected from the ambient environment.

SHELF LIFE

5 years in original packaging stored in a dry, covered location

Disclaimer

This information and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third-party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

Evonik Operations GmbH

Catalysts
Rodenbacher Chaussee 4
63457 Hanau
Germany
Phone +49 6181 59-13399
Fax +49 6181 59-2699
catalysts@evonik.com
[evonik.click/catalysts](https://www.evonik.click/catalysts)