

Product Information

FLUOROCEL™ 828

Fluoride removal from propane, butane and alkylate process streams

PRODUCT DESCRIPTION

Spherical fluoride adsorbent tailored for optimum activity towards organic fluoride decomposition and HF removal from propane, butane and alkylate streams. Physical and chemical properties result in higher fluoride loading and longer alumina life.

Typical Properties

Property	Unit	Value
Abrasion Loss	wt%	0.5
BET Surface Area	m ² /g	340
Bulk Density	kg/m ³	705
Crush Strength (5 mesh equivalent)	lb	35
Particle Size 1.5 mm, 3 mm, 5 mm, 6 mm		1/16", 1/8", 3/16", 1/4"

The data represents typical values (no product specification)

TYPICAL APPLICATIONS

Fluoride removal from propane, butane and alkylate process streams

Product Composition

Product Composition	Unit	Value
Aluminum Oxide + Promoters	wt%	99.6

The data represents typical values (no product specification)

BENEFITS & ADVANTAGES

Spherical fluoride adsorbent tailored for optimum activity towards organic fluoride decomposition and HF removal from propane, butane and alkylate streams. Physical and chemical properties result in higher fluoride loading and longer alumina life.

PACKAGING

2,000 lbs (907.2 kg) supersacks

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)