

## Product Information

# DYNOCEL® 628

Promoted adsorbent for the removal of acidic process impurities such as H<sub>2</sub>S, COS, and CO<sub>2</sub>.

## PRODUCT DESCRIPTION

Promoted activated alumina adsorbent for the removal of acidic process impurities such as H<sub>2</sub>S, COS, and CO<sub>2</sub>.

### Typical Properties

Property	Unit	Value
Abrasion Loss	wt%	1
Bulk Density	kg/m <sup>3</sup>	760
Particle Size	in	1/16-1/8

The data represents typical values (no product specification)

## TYPICAL APPLICATIONS

Dynocel 628 is generally used to purify and dehydrate reactor effluent process streams in dehydrogenation processes.

### Product Composition

Product Composition	Unit	Value
Aluminum Oxide + Promoters (volatile free basis)	wt%	99.7

The data represents typical values (no product specification)

## BENEFITS & ADVANTAGES

Dynocel 628 is a promoted activated alumina adsorbent for the removal of acidic process impurities such as H<sub>2</sub>S, COS, and CO<sub>2</sub> from olefinic hydrocarbon streams.

+ The promoter enhances the adsorption of the acidic contaminants while also inhibiting the formation of green oil and other byproducts.

+Dynocel 628 maintains its high contaminant capacity during its entire installation.

+Dynocel 628 is also able to dehydrate the olefinic hydrocarbon streams.

## 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