

Product Information

Durocel® 242

Spherical activated alumina bed support for catalyst/adsorbent beds.

PRODUCT DESCRIPTION

Designed as an activated bed support for various catalyst and adsorbent applications. High surface area contributes to the performance of the adsorbent or catalyst application, while lower bulk density results in lower cost than conventional inert bed support products.

Typical Properties

Property	Unit	Value
BET Surface Area	m ² /g	250
Bulk Density	lb /ft ³	45
Particle Size	in	3/16-1/4
Side Crush Strength		80 (36) 65 (30) lbf/ bead

The data represents typical values (no product specification)

TYPICAL APPLICATIONS

Sulfur recovery unit Claus reactors

Product Composition

Product Composition	Unit	Value
Aluminum Oxide (Al ₂ O ₃) Content	wt%	99.5-99.7
Sodium Oxide (Na ₂ O) Content	wt%	≤0.35
Silicon Dioxide (SiO ₂) Content	wt%	0.015

The data represents typical values (no product specification)

PACKAGING

- 2,000lbs (907.2kg) 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