

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		3/8" (9.5) 1/4" (6.5)
Side Crush Strength		80 (36) 65 (30) kg/mm

The data represents typical values (no product specification)

TYPICAL APPLICATIONS

Sulfur recovery unit Claus reactors

Product Composition

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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

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