

Product Information

DYNOCEL® 900

Granular alumina (aluminum oxide)

CAS NUMBER

1344-28-1

PRODUCT DESCRIPTION

A granular activated alumina (aluminum oxide)

Typical Properties

Property	Unit	Value
Bulk Density	lb /ft ³	~40
Chemical Name		Granular Alumina
Aluminum Oxide		
Loss on Ignition, max.	wt%	7.5
Net (250 – 1,000 °C)		
Particle Size		300-850 µm
20x50 mesh		
Surface Area, min.	m ² /g	300

The data represents typical values (no product specification)

TYPICAL APPLICATIONS

Adsorbent

Product Composition

Product Composition	Unit	Value
Aluminum Oxide (Al₂O₃) Content Purity Assay (on a volatile free basis)	wt%	99-100
Iron Oxide (Fe₂O₃) Content, max. XRF	wt%	0.014
Sodium Oxide (Na₂O) Content, max. XRF	wt%	0.6
Silicon Dioxide (SiO₂) Content XRF	wt%	0-0.01

The data represents typical values (no product specification)

BENEFITS & ADVANTAGES

High porosity improves diffusion rates while high surface area

provides enhanced capacity.

PACKAGING

1,800 lbs (816.5 kg) supersacks

250 lbs (113.4 kg) steel drums

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](#)