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[CATALYST
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[CATALYST ACQUISITION
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- Activated Alumina
- Activated Alumina Desiccant Supplier- Dryocel 848
- Activated Bauxite
- Aluminum Oxide Supplier & Powdered Alumina Supplier
- Catalyst Substrates
- Inert Bed Supports

[Applications](#)

- Activated Alumina Desiccant Supplier: Dryocel 848
- Arsine Adsorption
- Chloride Adsorption
- Chromatography
- Coke Oven Gas Treating
- COS Hydrolysis
- COS, H2O and CO2 Adsorption
- Decolorization
- HF Adsorption
- Hydrogen Peroxide and HDPE Processing
- Hydrocarbon Recycling / Purification
- Mercury Adsorption
- Monomer Treating (TBC Removal)
- Olefin Purification
- Sulfur Adsorption
- Sulfur Recovery

[Application Bulletins](#)

As one of the world's largest manufacturers of activated alumina, Porocel has a capacity of over 35,000,000 lbs/year.

ACTIVATED ALUMINA

Since the inauguration of activated alumina production in 1998, our aggressive development efforts have continued to result in new products, patents and improvements in product performance.

Activated alumina is obtained from a variety of feedstocks and undergoes a series of chemical reactions which depend on its intended use. Due to its numerous characteristics, including high resistance to temperatures and stability, it is used for a wide range of applications. Activated alumina is highly effective as an adsorbent or desiccant and is often used as a catalyst in various industries.

Porocel is among the leading activated alumina suppliers in the US and worldwide.

Product excellence combined with our dedication to outstanding customer service and technical support has made Porocel one of the leading, global activated alumina suppliers.

Porocel offers activated alumina products for refining, petrochemical, and hydrocarbon processing applications.

ADSORPTION

HCl (Reforming Premium Grade)	Chlorocel 901
Organic Chloride Destruction	Chlorocel RCL
H2S, COS, CO2	Dynocel 628
Oxygenate Adsorbent	Dynocel 650
Oxygenate/H2S, COS, CO2 Adsorbent	Dynocel 680
Hydrogen Sulfide and Mercaptan Removal	Dynocel ASR
Arsine Removal	Dynocel ASR
Mercury Removal	Dynocel Hg
HF (Alkylation Standard Grade)	Fluorocel 828
HF (Alkylation Premium Grade)	Fluorocel 830

BED SUPPORT

Active Bed Support	Durocel 242
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BED SUPPORT PRODUCTS

Inert Ceramic Bed Support	Durocel 222 PURCHASE
Inert High Alumina Bed Support	Durocel 235 PURCHASE


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COS, H2O AND CO2 ADSORPTION

Recommended Products for COS, H2O and CO2 Adsorption:

Dynocel 628

Please contact the appropriate [Porocel Office](#) for Technical Data Sheets or Material Safety Data Sheets.

APPLICATION BULLETINS

16: Thermal Regeneration of Fixed Bed Adsorbers

27: Porocel Adsorbent Products for Purification Units

Please contact the appropriate [Porocel Office](#) if you would like to see Application Bulletins for our products or for a Porocel representative to contact you.


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I PURIFICATION

Recommended Products:

Dynocel 650

Dynocel 680

Applications

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Dryocel 848

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- COS, H2O and CO2 Adsorption

- Decolorization

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- Hydrogen Peroxide and HDPE

Processing

- Hydrocarbon Recycling / Purification

- Mercury Adsorption

- Monomer Treating (TBC Removal)

 - **Olefin Purification**

- Sulfur Adsorption

- Sulfur Recovery

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16: Thermal Regeneration of Fixed Bed Adsorbers

27: Porocel Adsorbent Products for Purification Units

28: Propylene Purification

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OLEFIN PURIFICATION

Recommended Products:

Dynocel 650

Dynocel 680

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SULFUR ADSORPTION

Recommended Products:

Dynocel ASR

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27: Porocel Adsorbent Products for Purification Units

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ARSINE ADSORPTION

Recommended Products:

Dynocel ASR

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- **Mercury Adsorption**
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MERCURY ADSORPTION

Recommended Products

Dynocel Hg

Please contact the appropriate [Porocel Office](#) for Technical Data Sheets or Material Safety Data Sheets.

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32: Low Level Mercury Analysis

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