



The Chemical Company

## Product Data Sheet

# CG-20

## Chromatographic Alumina

BASF CG-20 chromatographic alumina is available in one size, 80 to 200 mesh (75-180 microns). The particle size specification provides very low levels of fine particulates. Specifically, no more than 1% by weight has diameter less than 50 microns. CG-20 contains organic impurities.

### Available Packaging

- 100 lb steel drums
- 375 lb steel drums

#### Typical Chemical Composition (%)

Al <sub>2</sub> O <sub>3</sub>	96.0
SiO <sub>2</sub>	0.01
Fe <sub>2</sub> O <sub>3</sub>	0.01
Na <sub>2</sub> O	0.35
LOI (250° – 1100°C)	3.0

#### Typical Physical Properties

Surface Area, m <sup>2</sup> /g	125
Packed Bulk Density, lb/ft <sup>3</sup>	60
Alumina XRD Phase, Major	chi and gamma

#### Typical Particle Size

80 to 200 mesh (75 – 150 μm) wt %	95
-270 mesh (<53 μm), wt %	<1.0

## About Us

BASF's Catalysts division is the world's leading supplier of environmental and process catalysts. The group offers exceptional expertise in the development of technologies that protect the air we breathe, produce the fuels that power our world and ensure efficient production of a wide variety of chemicals, plastics and other products. By leveraging our industry-leading R&D platforms, passion for innovation and deep knowledge of precious and base metals, BASF Catalysts develops unique, proprietary catalyst and adsorbent solutions that drive customer success.

### BASF - The Chemical Company

#### **BASF Catalysts Headquarters**

BASF Catalysts  
25 Middlesex/Essex Turnpike  
Iselin, New Jersey, 08830, USA  
Tel: +1-732-205-5000  
Fax: +1-732-205-7725  
Email: [catalysts-america@basf.com](mailto:catalysts-america@basf.com)

#### **Asia Pacific**

BASF East Asia Regional HQ Ltd.  
45th Floor, Jardine House  
No. 1 Connaught Place  
Central, Hong Kong  
Tel: +852-2731-0191  
Fax: +852-2731-5634  
Email: [catalysts-asia@basf.com](mailto:catalysts-asia@basf.com)

#### **Europe, Middle East, Africa**

BASF SE  
67056 Ludwigshafen, Germany  
Tel: +49-621-60-21153  
Fax: +49-621-60-43023  
Email: [catalysts-europe@basf.com](mailto:catalysts-europe@basf.com)

All data represents typical product properties and are based upon BASF standard test methods. All test methods are available upon request.

Although all statements and information in this publication are believed to be accurate and reliable, they are presented gratis and for guidance only, and risks and liability for results obtained by use of the products or application of the suggestions described are assumed by the user. NO WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH. Statements or suggestions concerning possible use of the products are made without representation or warranty that any such use is free of patent infringement and are not recommendations to infringe any patent. The user should not assume that toxicity data and safety measures are indicated or that other measures may not be required. © 2009 BASF