



We create chemistry

## 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, including advanced battery materials. By leveraging our industry-leading R&D platforms, passion for innovation and deep knowledge of precious and base metals, BASF's Catalysts division develops unique, proprietary solutions that drive customer success.

### **BASF - We create chemistry**

#### **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 (China) Company Limited  
300 Jiang Xin Sha Road,  
Pudong, Shanghai 200137  
P.R. China  
Tel: +86-21-2039 2549  
Fax: +86-21-2039 4800-2549  
Email: [catalysts-asia@basf.com](mailto:catalysts-asia@basf.com)

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

BASF SE  
BASF Nederland B.V.  
Tel: +31-30-6669555  
Fax: +31-30-6669340  
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