

DARCO[®] BG 1 ACTIVATED CARBON - A HIGH PERFORMANCE AND COST EFFECTIVE SOLUTION FOR H₂S REMOVAL

DARCO BG 1 non-impregnated granular steam activated carbon offers superb hydrogen sulfide (H₂S) loading capacity, while remaining operationally efficient to change out. Customers focusing on improving their total cost for H₂S removal need look no further than DARCO BG 1 activated carbon.

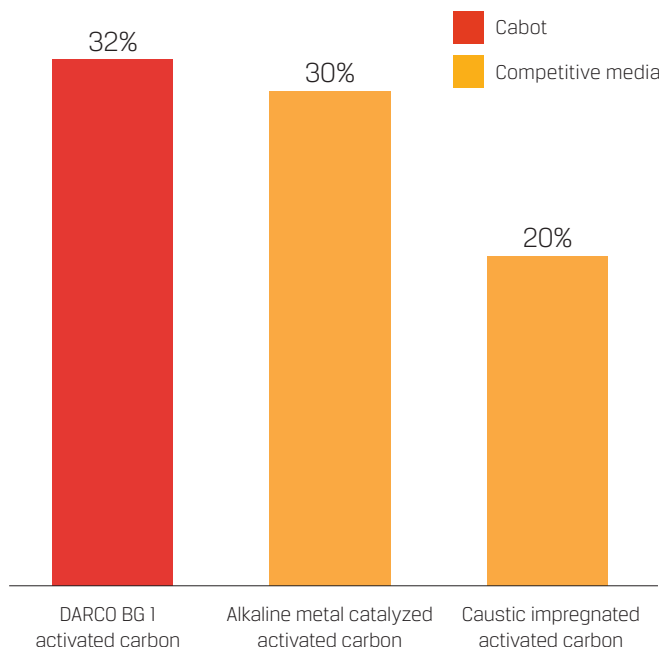
Excellent performance

- ◆ High removal capacity for H₂S
- ◆ Low density
- ◆ Limited annual change outs
- ◆ Chemistry is not conducive to bricking
- ◆ Low dust emission during handling

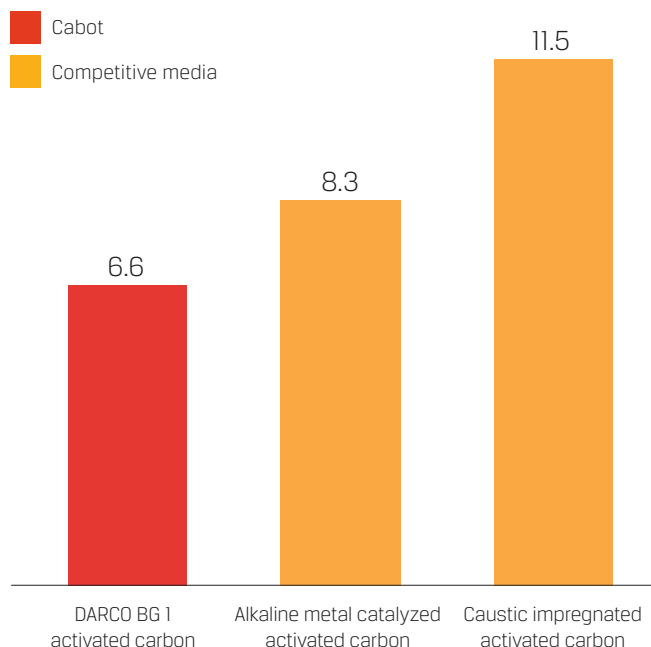
Performance information

DARCO BG 1 activated carbon is the newest addition to our portfolio of biogas gas purification products. The DARCO BG activated carbon series have become industry benchmarks, helping customers cost effectively remove impurities from their biogas. With the introduction of DARCO BG 1 activated carbon, we offer customers a naturally produced product that delivers superior performance. DARCO BG 1 activated carbon is an excellent choice for biogas customers looking to lower their H₂S purification costs. The material's combination of high capacity and valued pricing positions it to offer customers an exceptionally low cost of H₂S removed.

H₂S loading capacity %



€/kg of H₂S removed



Data based on lab studies.

Benefits

- ◆ Competitive pricing
- ◆ High efficiency and low density reduces the frequency and volume of change outs
- ◆ Produced from virgin raw materials, specifically for biogas applications
- ◆ Experienced technical support for enhanced performance and safety
- ◆ Product flexibility enables use in numerous types of biogas systems

Disposal

DARCO® BG 1 activated carbon converts H₂S to elemental sulfur when operated under ASTM-6646 test conditions. Spent carbon produced under these conditions has been determined to not meet the definition of a characteristic Resource Conservation and Recovery Act (RCRA) hazardous waste based on ignitability, reactivity, corrosivity or toxicity criteria. Final waste determinations must be made by the generator since the site specific conditions may affect the waste characteristics and classifications, as well as any state specific requirements.



Our sales, technical service and customer service teams are prepared to serve customers around the world. Contact us at cabotcorp.com/activatedcarboncontact.



cabotcorp.com

NORTH AMERICA
 Cabot Norit Americas, Inc.
 3200 University Avenue
 Marshall, Texas 75670
 USA
T +1 903 923 1000
F +1 903 923 1035

EUROPE, MIDDLE EAST & AFRICA
 Cabot Norit Nederland B.V.
 Astronaut 34
 3824 MJ Amersfoort
 THE NETHERLANDS
T +31 33 4648911
F +31 33 4617429

ASIA PACIFIC
 Cabot China Ltd.
 558 Shuangbai Road
 Shanghai 201108
 CHINA
T +86 21 5175 8800
F +86 21 6434 5532

SOUTH AMERICA
 Cabot Brasil Industria e Comercio Ltda.
 Rua do Paraiso 148 - 5 andar
 Sao Paulo 04103-000
 BRAZIL
T +55 11 2144 6400
F +55 11 3253 0051

The data and conclusions contained herein are based on work believed to be reliable, however, Cabot cannot and does not guarantee that similar results and/or conclusions will be obtained by others. This information is provided as a convenience and for informational purposes only. No guarantee or warranty as to this information, or any product to which it relates, is given or implied. This information may contain inaccuracies, errors or omissions and CABOT DISCLAIMS ALL WARRANTIES EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AS TO (i) SUCH INFORMATION, (ii) ANY PRODUCT OR (iii) INTELLECTUAL PROPERTY INFRINGEMENT. In no event is Cabot responsible for, and Cabot does not accept and hereby disclaims liability for, any damages whatsoever in connection with the use of or reliance on this information or any product to which it relates.