



## KENNDATENBLATT / TECHNICAL DATA SHEET

### Desorex K 47

Cylindrically shaped activated carbon

®Desorex K 47 is a steam activated carbon based on coal with excellent hardness and high abrasion resistance.

®Desorex K 47 is used in gas cleaning processes for the adsorption of organic substances and solvents.

#### Specifications:

Bulk density (kg/m <sup>3</sup> )	500 ± 30
Moisture content (wt.%) (as packed)	< 8
Benzene adsorption in air at 20°C (wt.%)	
p/p <sub>s</sub> * 0.9	> 31
0.1	> 26
0.01	> 21
0.001	> 13

#### Typical characteristics:

Total surface area (m <sup>2</sup> /g) (BET-method)	> 900
Diameter of particles (mm)	approx. 4
CTC-adsorption (wt.%)	> 50

#### Remarks:

The above data are based on analyses of the activated carbon as delivered and test methods according ASTM and Donau Carbon. Copies are available on request.

\* p/p<sub>s</sub> = relative saturation (concentration of saturation at 20°C; 320 g/m<sup>3</sup>)

e1307/07

**Donau Carbon GmbH**  
Gwinnerstr. 27-33  
60388 Frankfurt am Main, Germany  
Tel.: +49-(0)69-4011-426  
Fax: +49-(0)69-4011-659  
Email: office@donau-carbon.com

**Donau Carbon US LLC**  
551 N. US Highway 41  
Dunnellon, FL 34432, USA  
Tel.: +1-352-465-5959  
Fax: +1-352-465-0679  
Email: sales.us@donau-carbon.com



Unser QM-System ist zertifiziert  
Our QM-system is certified