



KENNDATENBLATT / TECHNICAL DATA SHEET

Desorex® K 33

Cylindrically shaped activated carbon

®Desorex K 33 is a steam activated carbon based on coal with excellent hardness and high abrasion resistance.

®Desorex K 33 is used in gas cleaning processes for the adsorption of organic substances.

Bulk density (kg/m³) 500 ± 20

Moisture content (wt.%)
(as packed) <5

Ball-pan hardness (pellets) min. 90%

Benzene adsorption in air
at 20°C (wt.%)

p/Ps * 0.9	> 31
0.1	> 26
0.01	> 21
0.001	> 13

Typical characteristics:

Total surface area (m²/g)
(BET-method) 900

Iodine Number 950
(AWWA B604)

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/pS = relative saturation (concentration of saturation at 20°C, 320 g/m³)