



## KENNDATENBLATT / TECHNICAL DATA SHEET

### Hydraffin 30N supra

Granular activated carbon

®Hydraffin 30 N supra is an granular carbon on coal based with excellent adsorption capacity.

®Hydraffin 30 N supra meets the requirements of the Food Chemicals Codex and the requirements of water extractable substances according European Standard EN 12 915.

#### Specifications:

|                                        |            |
|----------------------------------------|------------|
| Granulation (mm)                       | 0.6 - 2.36 |
| Apparent density (kg/m <sup>3</sup> )  | 480 ± 30   |
| Moisture content (wt.%)<br>(as packed) | < 5        |
| Ash content (wt.%)                     | < 15       |
| Iodine adsorption (mg/g)               | 1100 ± 50  |

#### Typical characteristics:

|                                                                      |              |
|----------------------------------------------------------------------|--------------|
| Apparent density after<br>backwash and drainage (kg/m <sup>3</sup> ) | approx. 440  |
| Total surface area (m <sup>2</sup> /g)<br>(BET-method)               | approx. 1000 |
| Hardness (wt.%)                                                      | > 90         |
| Methylene blue index (mg/g)<br>(Cefic)                               | approx. 230  |

#### 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.

#### Caution:

Wet granular activated carbon withdraws the ambient air oxygen.  
Ensure ventilation of the equipment, analyse air sample for oxygen.  
Observe industrial safety requirements.

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