



Aktivkohle • Activated Carbon • Charbon Actif  
Carbon Activado • Carbone Attivo

® **Hydraffin 40 N**

Granular activated carbon

®Hydraffin 40N is an granular carbon based on coal that can be used for the purification of solutions from food industry and for the teatment of organic and inorganic acids as well as for potable water treatment.

®Hydraffin 40N meets the requirements of the Food Chemicals Codex (5th edition, 2003) and for water extractable substances according European Standard EN 12 915.

**Specifications:**

Granulation (mm)	0.4 - 1.7
Apparent density (kg/m <sup>3</sup> )	480 ± 30
Moisture content (wt.%) (as packed)	< 5
Ash content (wt.%)	< 15
Iodine adsorption (mg/g)	1000 ± 50

**Typical characteristics:**

Apparent density after backwash and drainage (kg/m <sup>3</sup> )	approx. 440
Total surface area (m <sup>2</sup> /g) (BET-method)	approx. 900
Hardness (wt.%)	> 90
Chlorine halfway length (cm)	approx. 4

**Remarks:**

The above data are based on test methods of ASTM. 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.