

<b>Technical Datasheet</b>	<b><i>Aqua-carb Pool 1 – 3</i></b> according to EN 12915	<b>QMS-No. GBT31111</b>
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**General** *Aqua-carb* is a granulated activated carbon. The raw material is hard coal. A special treatment is applied prior to steam activation.

- Applications**
- Filtermedium** for
- **adsorption** of organics.
  - **dechlorination** of
    - potable water,
    - waste water,
    - swimming-pool water.
  - **removal** of heavy hydrocarbons from
    - natural gas,
    - air,
    - hydrogen and
    - other gases.

Typical properties		Average figures	EN 12915
Ash	mass-%	< 8	< 15
Moisture (as packed)	mass-%	< 5	< 3
Chlorine half length value according DIN 19603	cm	< 4	-
Surface area (BET)	m <sup>2</sup> /g	> 1000	-
Iodine No.	mg I <sub>2</sub> /g	> 1000	> 600
<u>C</u> arbon <u>T</u> etra <u>C</u> hlorine	mass-%	> 61	-
<b><u>Benzene capacity at 20°C</u></b>			
p/p <sub>s</sub> = 0.9*		> 35	-
p/p <sub>s</sub> = 0.1		> 32	-
*p/p <sub>s</sub> = relative saturation at 20°C = 324 g/m <sup>3</sup>			
<b>Density</b>	g/cm <sup>3</sup>	2.1	
<b>Bulk density</b>	kg/m <sup>3</sup>	400 ± 30	> 180
<b>Shape</b>	cylindrical		
<b>Sizes available</b>	mm	1.0 - 3.0	-
Oversize	mass-%	< 10	< 15
Undersize	mass-%	< 5	< 5

- Packaging**
- 40 L paper bags, palletised, shrink-wrapped.
  - Big bags.