Technical Datasheet	*Aqua-carb Pool 1 – 3* according to EN 12915	QMS-No. GBT31111

General

Aqua-carb is a granulated activated carbon. The raw material is hard coal. A special treatment is applied prior to steam activation.

Applications

Organic 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-%	< 15	< 15
Moisture (as packed)	mass-%	≤ 5	-
Chlorine half length value according DIN 19603	cm	< 4	-
Surface area (BET)	m^2/g	> 1000	-
Iodine No.	mg I_2/g	750	> 600
Carbon Tetra Chlorine	mass-%	> 61	-
Benzene capacity at 20°C			
$p/p_s = 0.9$*		> 35	-
$p/p_s = 0.1$		> 32	-
Density	g/cm^3	2.1	
Bulk density	kg/m^3	500 ± 30	> 180
Shape	cylindrical		
Sizes available	mm	1.0 - 3.0	-
Oversize	mass-%	< 10	< 15
Undersize	mass-%	< 5	< 5

*p/p_s = relative saturation at 20°C = 324 g/m^3

Packaging

- 50 L paper bags, palletised, shrink-wrapped.
- Big bags.