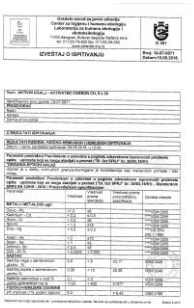
Activated carbon CH

Activated carbon CH is a very efficient adsorption material made from carefully selected coconut shells by steam activation. Coconut shells are first carbonized and after that activated by steam at 1000 °C. This extremely high temperature gives the activated carbon very strong pore structure that is similar to molecular tunnels. The final product is a very strong absorbent with pore system in molecular dimensions.
As a final step activated carbon CH is acid washed to get high purity and high activity product with minimal amount of ash that prevent leaching of silica during filtration.

Typical Applications

- Water treatment
- Protection of RO membranes
- Process water treatment
- Condensate de-oiling
- Semiconductor process water



Specification:

Iodine no	>1050 mg/g
CTC adsorption	>58 %
Ball pan hardness	>98
Ash content	<0,50 %
Moisture content	<3,50 %
pH	>6
Apparent density	0,54 g/ml

Pore size distribution

>8	3,10
8x30	94,20
<30	2,70

Activated carbon CH 8x30 is produced according to EN 12915:2010

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