

CarboTech

GERMANY'S LEADING SUPPLIER
OF ACTIVATED CARBONS

CarboTech is one of the world's leading suppliers of high-quality powdered, granulated and extruded activated carbons for every application. Located in the Ruhr area at the heart of Europe, our unique integrated production plants manufacture, refine and package tailor-made activated carbons, activated coke and carbon molecular sieves made from hard coal, coconut coke and charcoal.



KNOWLEDGE AND EXPERIENCE

CarboTech combines decades of experience in production, application and process engineering. To give our customers the best possible support, we focus on product and solution-specific requirements and on innovative services. The expertise of our engineers, who are fully conversant with the conditions in practical real-life settings, is truly unique in this regard. We are happy to advise you on the use of simple activated carbon products, and all the way through to the design and implementation of complex adsorption systems. If required, with the aid of our in-house laboratory we can even analyse our customers' activated carbon installation and help them to optimise their processes.

COST-EFFECTIVE AND HIGH QUALITY

The activated carbon solutions from CarboTech are reliable and economical – and remain so. Living up to these claims at all times, especially when up against complex and demanding tasks, is what our experienced specialists do every day. High demands of our product and service quality are something we absolutely expect. Thanks to our fluidized bed process – the only one of its kind in the world – our activated carbon always achieves the specified values with consistent quality and we're happy to back this up with our own laboratory data. We keep our promise: activated carbon of the highest quality, which is worth its price in every aspect.

Here is an overview of our key products:

Pelletised activated carbons

Unlike other activated carbons, activated carbon cannot be recycled and must therefore be disposed of. We're happy to take care of this for you. In many cases, however, it is also worth switching to pelletised material. This can be reactivated, allowing it to be used several times over, thereby saving cost and helping protect the environment.

Carbon molecular sieves (CMS) for nitrogen production

One thing to come out of our research and development work has been carbon molecular sieves which are used in nitrogen production, to name just one application. Working with our partner OSAKA Gas Chemicals, we continue to sell these sieves exclusively in Europe, India and the Middle East. And that's not all, because we are constantly refining the sieves in collaboration with a university of applied sciences.

Powdered activated carbons

In addition to activated carbons and granulated activated carbons, we also offer powdered activated carbons for specific applications like mercury or dioxin separation, waste water treatment or flue gas purification. The advantage is that we can create an optimum mix of several activated carbon grades for you, whose specific separation and adequate filtration properties complement each other perfectly for your application. To do this, we use charcoal as well as hard coal or coconut and palm-kernel-based activated carbon.

Granulated activated carbons

Liquid and gaseous media are treated with CarboTech granular activated carbons. CarboTech specifies dedicated activated carbons of optimal porosity and particle size distribution according to the components of the medium to be removed.

For further information on our company and its products,
simply visit **CarboTech.de/en**

We look forward to welcoming you as a customer sometime soon!

