

Activated carbon is the common term used for a group of absorbing substances of crystalline form, having large internal pore structures that make the carbon more absorbent, Activated carbon is manufactured according to the Ostreijkos patents of 1900 and 1902. Every year, approximately one hundred fifty thousand metric tons of pulverized activated carbon are manufactured, together with one hundred fifty thousand metric tons of pellets/rods, Many different materials can be activated (wood, plastic, stone and synthetic materials) without actually turning them into carbon, and one can still get the same effect.

Activated carbon is the most popular and the cheapest material used in purification of alcohol, and steam-activated carbon is derived from natural raw materials. Much of [activated carbon](#) is regenerated (cleaning/desorption) and is used hundreds, or even thousands, of times.

Activated carbon (also called [activated charcoal](#)) is the more general term which includes carbon material mostly derived from charcoal.

## Activated carbon for accelerant carrier

### Activated carbon technology:

These series of activated carbon are made from imported coconutshell via physical methods, under the process of aftertreatment.



### Activated carbon

### characteristics:

With large surface area, developed pore structure, easy regeneration.

### Activated carbon using fields:

Applied for in compose of acetic ether by the method of acetylene, precious rare metal and gold purify by CIP process, and purification on radioactive polluted gas containing iodine, nitrogen, xenon in nuclear power plants etc.

### Activated carbon datasheet

Raw Material	mesh	Moistur % $\leq$	Hardness % $\geq$	PH	Appare Density cm <sup>3</sup> /g	Acetic Acid Adsorption (mg/g) $\geq$	Zinc Acetate adsorpti g/100l $\geq$	Iodine Number (mg/g)	As h % $\leq$	Surfac area M <sup>2</sup> /g	Total Pore volume cm <sup>2</sup> /g	Micr o-Pore Volume cm <sup>2</sup> /g	Igniti on Point °C	CCl <sub>4</sub> Adso rptio n%		
Catalyst Carrier series	CX-666 Vinyl acetate	Nut shell	24-48	10.0	90	5.0-7.0	0.38-0.50	530	7	-	5.0	1000	0.88	0.46	450	-
	CX-999 (Using for Gold Refining)	Coco nut shell	8-16	10.0	97	$\geq 70$	0.45-0.55	-	-	900-1050	3.0	1100	0.9	0.48	450	60-70
	CX-Im pre gnatio n	Coco nut shell	8-18	5.0	95	$\geq 70$	0.45-0.55	-	-	950-1050	4.0	1100	0.9	0.48	450	60-70

We also could supply the specific quality activated carbon products according to the consumers' requirements.