



High Performance Activated Carbons KURARAY CO., LTD. Carbon Materials Div.

Proposal of global network and solutions
New carbon technology for customer satisfaction
Activated carbon experts answer you.



Features

- Contribute to clean Water; By providing various types of activated carbon to meet the market needs, we assure clean & safe water supply.
- Contribute to clean Air; i.e. Kuraray 's activated carbon technology is contributing solvent recovery in the factory setting.
- Contribute to green Energy; Our advanced carbon pore control technology is contributing to superior supercapacitors in the field of energy regeneration & storage.

Overview

Activated carbon is as interesting material, which has very small molecular size pores. While widely used in air and water purification, activated carbon nowadays contributes energy storage field with its high adsorption characteristics. Our expertise in R&D, procurement, production engineering, QC, and sales & marketing makes it possible to provide the optimized solution in the various fields from environmental purification to energy storage.

KURARAY CO., LTD. Carbon Materials Division

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Performance /specifications of technology / product

Activated carbon business		
KURARAY COAL™	Liquid phase	GW, GW-H, GLC, KW, SW, others
	Gas phase	GG, SG, GS, GC, GA, SA, GK, others
	Powder activated carbon	PW, PK, PDX, others
	Special activated carbon	G-H, T-B, T-C, T-S, others

Functional activated carbon business
Fine activated carbon (KURARAY COAL™)
Wet molding carbon filter
Activated carbon fiber
Activated carbon sheet
Impregnated activated carbon
Dry molding carbon filter

Equipment manufacturing business
Nitrogen gas generator (KURASAP™)
Carbon Molecular Sieve (CMS)

* Please contact us for detail performances and specifications.

Usage examples / result

Our unique technology adjust the diameter and volume of pores on the surface of activated carbon

Water purification:

Water treatment in water works, Industrial and household waste water, purification of drinking water, Ultra-pure water equipment

Energy storage:

Electrode material, Methane storage

Air purification:

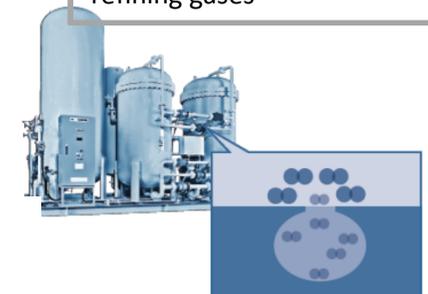
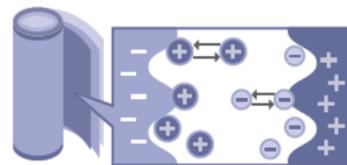
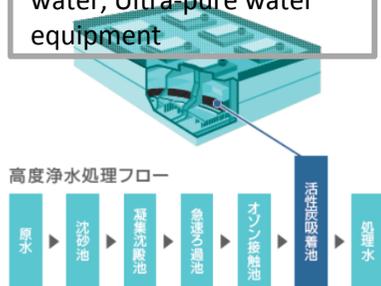
Removal of automobile pollutants, Trapping plant generated exhaust gases, Removal of general toxic gases, Recovery of solvents, Removal of dioxin

Household products:

Cigarette filters, Household water purifiers, Air cleaners, Refrigerator deodorizers, Medical nursing supplies

Industrial use:

Catalyst carriers, Gas mask, Decolorization of industrial chemicals, Recovering gold, Capacitors, Separating and refining gases



薬F-4
水道用粉末活性炭
初回登録 2002年12月4日
鶴海工場



Kuraray's PGW/PGWH Carbon is certified by the Water Quality Association to S-B02 for sustainability.



Kuraray's GW/GW-H/PGW/PGWH/T-SCOB/APG/PMC grades are Tested and Certified by NSF International against NSF/ANSI Standard 42 for material requirements only.