

Technical Information

No. W303
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Spherical Activated Carbon **SHIRASAGI X7000H**

“**SHIRASAGI X7000H**” is a coal based pelletized form activated carbon designed for wastewater treatment. After formation of spherical shape by our state-of-the-art technique, it is produced through steam at high temperature. Due to its unique shape, it is easy to fill in and remove from adsorbing towers.

Application

- Treatment of sewage, industrial wastewater, and domestic wastewater
- Removal of COD

Standard Specifications (As packed)

Item	Spec.	Testing Method
Loss on drying (wt%)	5.0 max	JIS K1474
Filling bulk density (g/mL)	0.490 – 0.570	JIS K1474
Particle size (2.36 - 0.50 mm) (wt%)	98.0 min.	JIS K1474
Average particle size (mm)	1.30 – 1.60	JIS K1474
Coefficient of uniformity	1.50 max	JIS K1474
Hardness (wt%)	93.0 min.	JIS K1474
pH	5.8 – 8.6	JIS K1474
Ignition residue (wt%)	10.0 max	JIS K1474
Iodine adsorption (mg/g)	1100 min	JIS K1474
Methylene blue adsorption (mL/g)	180 min	JIS K1474

Packing

- 20kgs net weight paper bag.
- 1 m³ Flexible container.

Handling Precaution

Activated carbon (especially when wet) significantly lowers oxygen levels by removing oxygen from air, which causes a severe hazard to workers inside activated carbon vessels and enclosed or confined spaces. Before entering such areas, work procedures for low oxygen levels should be taken to ensure ample oxygen availability according to all local, state, and federal regulations.

Japan EnviroChemicals, Ltd.

For the advancement of Human and Environmental Health

Global Business Development Dept.

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