Granular Activated Carbon (GAC) 208EA

Applications

Activated Carbon is one of the most effective media for removing a wide range of contaminants from industrial and municipal water supplies. This is achieved through adsorption, where the contaminants stick to the surface of the carbon in preference to remaining in the water.

Characteristics

Activated Carbon is a porous material with a very large surface area, made up of a random structure of graphite platelets. It is produced from a range of raw material including bituminous coal, peat, wood and coconut shells.

Detailed below is one of our most popular carbons, others are available on request.

Specification	**208EA 12X40**
Iodine number, Min., mg/g	1000
Hardness Number, Min.	90
Moisture Content, as packed, max.% w/w	5
Max. % > 1.7mm	5
Max % < 0.425mm	4

This is a coal based activated carbon which is effective for the removal of organic contaminants, taste and odour. Being coal based it has high hardness ensuring excellent resistance to abrasion caused by transport, mechanical stress and backwashing.
It is suitable for use in potable water treatment, groundwater remediation and for industrial applications for the removal of organics.

208EA complies with **EN 12915** and is manufactured to **ISO 9001**.

Safety Note

Wet activated carbon preferentially removes oxygen from air. In closed or partially closed containers and vessels oxygen depletion may reach hazardous levels. If workers are to enter a vessel containing carbon, appropriate sampling and work procedures for potentially low oxygen spaces should be followed

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www.irwin-aggregates.com

Irwins Quality Aggregates 55 Gortgonis Road, Coalisland, Co. Tyrone, BT71 4QG
Tel: 028 87 740362 Fax: 028 87 747473