



CARBON CHEMISTRY®

Pure. Proven. Professional.

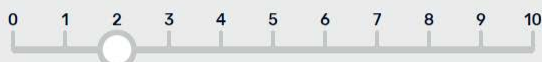
XActive™ Carbon

GRANULAR MEDIA

Our namesake adsorbent provides effective remediation for most impurities and colorants.



PRODUCT PERFORMANCE



Adsorption Selectivity

TARGETING OF SPECIFIC COMPOUNDS



Fluid Flow Rate

SPEED OF SOLUTION THROUGH MEDIA



Adsorption Rate

SPEED OF COMPOUND SEPARATION/REMOVAL



Binding Affinity

STRENGTH OF ADHESION TO COMPOUNDS

Composition

Our XActive Carbon™ is a low-dust, 0.25–0.5mm granular activated charcoal (GAC) derived from coconut shell that is naturally endowed with perfect ratios of micro, meso & macro porosity, inherited upon carbonization. Such vast surface area in our GAC is comparable to that of a powder (PAC). Albeit acid-activated, our GAC is water-purified, leaving only trace free acid and its nearly neutral 6.6 pH.

Purpose

XActive Carbon™ is a powerful non-selective adsorbent with strong affinity for elemental & organic impurities, including arsenic, mercury, chlorophyll, pesticides, and other mineral and biological contaminants absorbed by plants. This hard granular form has slower adsorption diffusion and allows unhindered fluid flow, so selectivity can be optimized by tuning residence with a needle valve.

RELATED PRODUCTS

ZeoClear™ L GRANULAR MEDIA

A powerful adsorbent for removal of heavy color bodies.

MagSil-PR® PELLET MEDIA

Ideal for selective pesticide remediation and color body adsorption.

T-5® POWDER MEDIA

Best base for depth filtration and heavy metal removal.

Carbon Chemistry, LTD. expressly disclaims any and all liability as to any results whatsoever obtained or arising from any and all use of products. Purchaser agrees to indemnify and hold Carbon Chemistry LTD. harmless from all claims, expenses, losses and liability of any nature whatsoever arising out of purchaser's handling and/or use of any products sold here, whether used alone or in combination with any other substances, irrespective of origin(s). At Carbon Chemistry, we always advise the use of proper personal protective equipment (PPE) for operator safety. Please dispose of all spent materials in accordance with local and state regulations.