



**CLEAR CARBON**  
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## ECO+GRAINS GRANULAR ACTIVATED CARBON

### DESCRIPTION

Product Specifications	Value	
Feedstock	Corn Cobs	
Moisture (max)	5%	w.b.
Ash (max)	10%	w.b.
Carbon Content (min)	80%	w.b.
Volatile Matter (max)	5%	w.b.
Density (g/cc)	0.3-0.5	w.b.
Surface Area (m <sup>2</sup> /g)	400-600	a.f.d.b.
Iodine Number	400	min
Mesh	12-30	
pH min	8	n/a
Packaging		
Bulk tanker (lb)	40,000	w.b.
Super Sacks (lb)	800	w.b.
Bags (lb)	100	w.b.
w.b.= wet basis		
a.f.d.b.= ash free dry basis		
n/a= non applicable		

Eco+Grains is part of a new line of ultra-adsorptive carbons, featuring domestically produced, renewable, biomass-based carbons that have a unique carbon structure for increased adsorption performance. Eco+Grains is manufactured from high purity corn cob in a novel pyrolysis and activation process to produce a carbon product with high surface area, high diffusion rates and absorptivity of odors, dissolved organics, nitrates, phosphates and VOCs.

Granular Clear Carbon is available in other particle sizes and sieve meshes.

### ADVANTAGES OF GRANULAR CLEAR CARBON

Highly developed meso-pore and macro-pore structures lead to enhanced absorptivity and faster uptake of undesirable compounds.

Exceptional carbon purity yields a highly adsorptive, high value, activated carbon.

Use of Eco+Grains as part of an in situ-remediation project can reduce toxicity of organic compounds to microbes present in the soil, enhancing adsorption and bioremediation activity levels.

Quality is assessed for carbonization, activation, sizing and adsorption in conjunction with a university partner. These quality control measures ensure accurate specification of products.

