



GAC SPECIFICATIONS for BOTTLERS

WATER TREATMENT

<u>Property</u>	<u>Test Method</u>	<u>Specification</u>	<u>Benefit</u>
Iodine Number (mg/g)	ASTM D4607-94	900 min	<ul style="list-style-type: none">• High surface area• High activity level
Surface Area (sq m/g)	ASTM D3037	900 min	<ul style="list-style-type: none">• High adsorption capacity• Extended service life
Abrasion Number	AWWA B604-96	80 min	<ul style="list-style-type: none">• Less attrition during backwashing• Lower fines improves efficiency of GAC filter
Apparent Density (g/cc)	ASTM D2854-96	0.45 min	<ul style="list-style-type: none">• Reduce loss during backwashing• Increase dechlorination capacity• Related to hardness• Greater volume activity
Moisture	ASTM D2867-95	3% max	<ul style="list-style-type: none">• Performance/Economics
Water Soluble Ash	ASTM D5029-89	0.5% max	<ul style="list-style-type: none">• Minimize leachables• Quicker pH stabilization
Dechlorination Value, cm	DIN 19603	3.5 max	<ul style="list-style-type: none">• Efficiency of Cl removal• Prevent Cl breakthrough
Particle Size:	8 x 20, 8 x 30, 12 x 40 mesh		
Toxicological Certification:	ANSI/NSF Standard 61 & Food Chemicals Codex		