



P-Sorb

PFOS/PFOA Sorption
In-Situ and Water Treatment

Granular Activated Carbon (GAC) Water Treatment System for PFAS/PFOA Removal

Activated carbon adsorption technology is the only approved treatment method for drinking water in all 50 States of the United States.

PSorb™ outperforms the other Granular Activated Carbon (GAC) in many aspects, as listed in the table below, including up to 100% greater adsorption capacity, greater than 50% longer column life, as much as 25% less mass to fill a column, and up to 35% less water flow-rate required for back washing.

PSorb™ has a pore structure that has a substantially lower tendency to be fouled by other impurities in water, when compared to conventional coal and coconut-shell based alternatives.

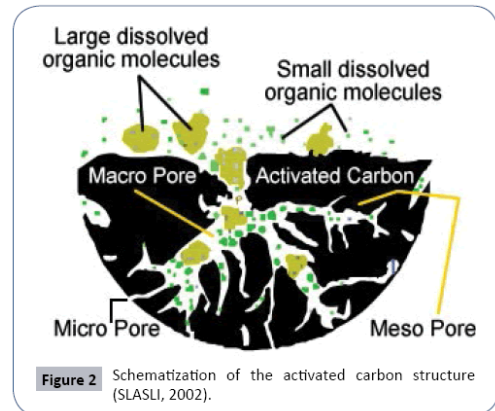


Figure 2 Schematization of the activated carbon structure (SLASLI, 2002).

GAC SPECIFICATIONS

P-Sorb™ Granular Activated Carbon 8x30

Spec	Iodine Number	Min	mg/g	900
	+8 mesh	Max	%	5
	-30 mesh	Max	%	5
	Moisture	Max	%	5
Typical	Hardness #	-	g/cm ³	88
	Surface Area	-	m ² /g	950
	App. Density	-	g/cm ³	0.4
	Moisture	-	%	2

P-Sorb™ Granular Activated Carbon 12x40

Spec	Iodine Number	Min	mg/g	900
	+12 mesh	Max	%	5
	-40 mesh	Max	%	5
	Moisture	Max	%	4
Typical	Hardness #	-	g/cm ³	88
	Surface Area	-	m ² /g	950
	App. Density	-	g/cm ³	0.4
	Moisture	-	%	2

Meets ANSI / AWWA B-604 standard