

# WPFAS-90

## TECHNICAL DATA SHEET

### WPFAS-90

LIQUID PHASE COAL BASE REAGGLOMERATED  
ACTIVATED CARBON for PFAS

**WPFAS-90** is manufactured from select grades of bituminous coal utilizing a re-agglomeration process to create a hard and regenerable Granular Activated Carbon (GAC) capable of enduring the abrasion associated with hydraulic transfer and repeated backwashing.

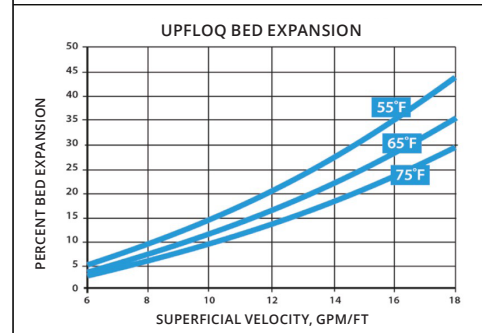
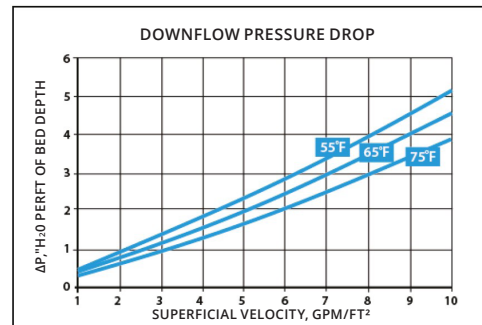
**WPFAS-90** is a high density carbon with a large pore volume and surface area. Its pore structure has been specifically developed and independently validated (see reverse) for the treatment of Poly and Perfluoroalkyl Substances (PFAS) and adsorption of both high and low molecular weight impurities. **WPFAS-90** is also commonly used for purifying potable water, ground water and waste water, and in a wide variety of decolorising applications. **WPFAS-90** meets AWWA B604 standards and Food Chemicals Codex Standards for drinking water applications, and is ANSI/NSF Standard 61 certified.

### SPECIFICATIONS

### WPFAS-90

### ASTM METHOD

CTX No. Min.	60	D-3467
Total Surface Area, min	900 m <sup>2</sup> /g	N2 BET Method
Iodine Number, min.	900 mg/g	D-4607
Apparent Density	0.49 - 0.50 g/cc	D-2854
Hardness, min.	92	D-3802
Ash, max.	8%	D-2866
Moisture as packed, max.	3%	D-2867
Abrasion Number, min	78	AWWA B-604
U.S. Standard Sieve Size	12x40	
Larger than No. 12, max	5%	D-2862
Smaller than No. 40, max.	4%	



### STANDARD PACKAGING

- 25 kg sacks
- 500 kg big bags
- Bulk tankers



#### NOTICE:

This information is offered solely for your consideration and verification. It has been gathered from reference materials and/or test procedures and is believed to be true and accurate. None of this information shall constitute a warranty or representation, expressed or implied, for which we assume legal responsibility or that the information or goods described is fit for any particular use either alone or in combination with other goods or processes.

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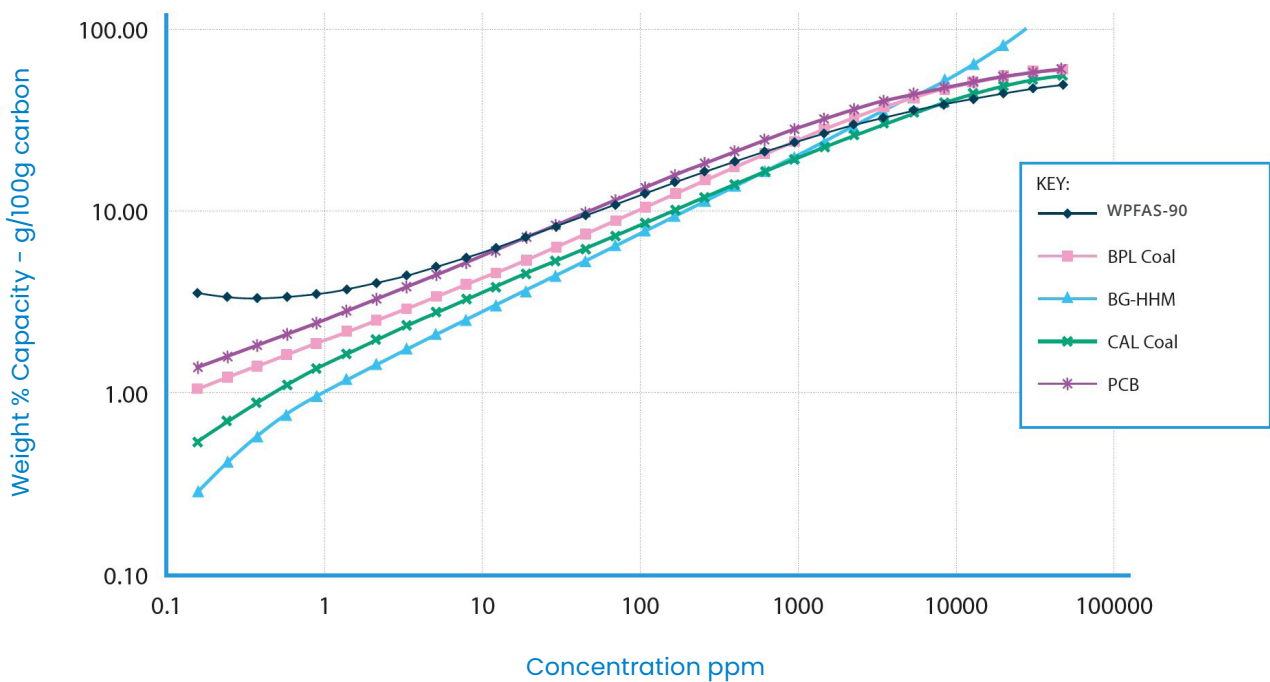
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### Third-Party Analysis

**WPFAS-90** was submitted by Mellifiq to Professional Analytical and Consulting Services Inc. (PACS) for determination of **trace capacity number (TCN)**. An adsorption isotherm of the performance of the sample compared to four carbons used by PACS as their TCN standardised baseline panel was prepared.

The adsorption isotherm indicates the performance of WPFAS-90 is comparable to that of PACS standardised baseline panel.

### Adsorption Isotherm MTBE in water



	TCN (mg/cc)	TCN-G (g/100cc)
WPFAS-90	22.70	8.67

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