

# WGAC-90

## GRANULAR COAL BASED ACTIVATED CARBON

WGAC-90 is a medium-activity granular activated carbon produced through steam activation of carefully selected bituminous coal grades. Its optimized balance of adsorption and transport pores ensures superior performance across a wide range of water treatment applications.

This high-density adsorbent delivers maximum volume activity and undergoes water washing during manufacturing, allowing for rapid wetting. With exceptional hardness and mechanical strength, WGAC-90 minimizes losses during backwashing, air scouring, and multiple reactivations.

### SPECIFICATION

Iodine number	min	900	mg/g
Moisture content	max	5	%
Total ash content	max	15	%
Wettability	min	99.5	%
Hardness	min	96	%

### TYPICAL PROPERTIES

Surface area	950	m <sup>2</sup> /g
Methylene blue number	200	mg/g
Total pore volume	0.88	cm <sup>3</sup> /g
Water soluble ash	0.2	%
Apparent density	500	kg/m <sup>3</sup>
pH	8	

### AVAILABLE SIZES

6x12	(1.70–3.36 mm)	min	91	%
8x16	(1.18–2.36 mm)	min	91	%
10x20	(0.85–2.00 mm)			
8x30	(0.60–2.36 mm)	min	91	%
12x40	(0.425–1.70 mm)	min	91	%
20x40	(0.425–0.85 mm)	min	91	%

### ADVANTAGES

- Medium activity
- Excellent adsorption capacity
- High density
- High Wettability
- Excellent hardness
- Suitable for reactivation
- Low dust
- NSF 61 Certified
- EN 12915 Approved
- ISO Certified 14001:2015
- ISO Certified 9001:2015

### STANDARD PACKAGING

- 25 kg sacks
- 500 kg big bags



#### NOTICE:

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