

## Potassium Iodide Impregnated Carbon (Vapor Phase)

Carbonair's potassium iodine (KI) impregnated carbon is manufactured from selected grades of bituminous coal. This adsorbent media is recommended for treating hydrogen sulfide and methyl mercaptan gases at high concentration levels (approximately 50-100 ppmv).

### Typical Applications

Odor control in sewage treatment plants, pulp and paper mills and petroleum refineries.

### Typical Contaminants

Hydrogen sulfide and methyl mercaptan.

### Typical Physical Properties\*

Carbon Tetrachloride Number	60% (minimum)
Apparent density (dense packing)	33-39 lbs/ft <sup>3</sup>
Hardness Number (Ball-Pan)	95 (minimum)
Moisture Content (as packed)	15% (maximum)
Mesh Size	4x10 (granular)
KI Content	5% (minimum)
H <sub>2</sub> S Adsorptive Capacity	0.14 gm/ml (minimum)

\* Please consult with Carbonair for your specific application.

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