

Potassium Permanganate Impregnated Zeolite (Vapor Phase)

Carbonair's potassium permanganate (KMnO₄) impregnated zeolite (molecular sieve) is recommended for treating low molecular weight hydrocarbons and acid gases. This adsorbent media has been particularly useful for removing vinyl chloride from air streams which cannot be achieved by activated carbon.

Typical Applications

Odor and corrosion control, air stripper off-gas, soil vapor extraction (SVE)

Typical Contaminants

Hydrocarbons such as acetaldehyde, acetylene, ethylene, formaldehyde, and vinyl chloride.

Acid gases such as arsine, chlorine dioxide, hydrazine, hydrogen cyanide, hydrogen sulfide, nitric oxide, nitric dioxide, and sulfur dioxide

Typical Physical Properties*

Apparent density (dense packing)	60 lbs/ft ³
Moisture Content (as packed)	12-15% (maximum)
Particle Size	1/8"-1/4"
KMnO ₄ Content	6%

* Please consult with Carbonair for your specific application.

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