

OCP GRANULAR H₂S SCAVENGER

TECHNICAL DATA SHEET

COC 60

General Description: *OCP- COC 60* is a general purpose activated coconut shell carbon granular media. This media is useful in a assortment of emission and odor control applications, including the removal H₂S, mercaptans, COS, heavy organic sulfur compounds, and other organic contaminants from air and a variety of gasses such as CO₂, natural and biogas, syn gas and more.

OCP- COC 60 application design and performance characteristics depends upon the gas to be treated, temperature, relative humidity, type and concentration of the contaminants, and desired final maximum contaminant outlet concentration.

OCP COC 60 can be used as a single use product or may be regenerated in-place by thermal regeneration. Hot inert gas regeneration is the preferred method. Careful control should be exercised during regeneration when oxygen is present not to create sudden or excessive temperatures and possible combustion of the carbon media. The controlled addition of a small amount of air in part of the regeneration cycle using inert gas can be helpful.

Product Uses: Removal of organic contaminants and sulfur compounds from gas streams.

Product Features: Activated coconut carbon with 60% or greater CTC activity.
Cost-effective reliable low level contaminant removal.
Can be regenerated in-place with a variety of gasses.
High particle strength and low dust content.
Low and stable pressure drop, beginning to end.

Properties:

Physical Properties (Typical)

Form: Random shaped black granules

Size: 4 x 8 Mesh

pH: 6.5 – 6.8

Solubility in water: negligible

Bulk Density: 0.5 g/ml or about 30 lbs/ft³

Recommended Temperature of Operation: Up to 180°F / 82°C

Recommended Water Content of the Gas: Less than 50% R.H. is best

Chemical Analysis

Coconut Based

Activated Carbon

Shipping & Handling

DOT Non-Hazardous. Oxygen depletion may occur in confined spaces.
Avoid breathing excessive dust. Do not take internally.
Please refer to Material Safety Data Sheet for further information.

OCP- COC 60 is available in 25 lb. sacks, or 550 and 1100 lb. bulk bags.