

ATRI-BI-ON FE



Specifications

- It is a Hydrogen Sulphide (H_2S) scavenger in anaerobic atmosphere, consisting of Iron Hydroxide ($Fe(OH)_3$), blended into a proprietary pelletized support
- It's main application is the removal of Hydrogen Sulphur (H_2S) from anaerobic gas streams, e.g. biogas
- In the absence of oxygen, ATRI-Bi-On Fe displays a higher Hydrogen Sulphur (H_2S) breakthrough capacity than a caustic impregnated activated carbon
- May undergo at least 10 cycles before exhaustion and disposal
- Each cycle results in the abatement of 45 mg H_2S per gram of ULP-Bi-On Fe

Target Pollutans

Hydrogen Sulphur (H_2S)

Filter type; Chemical Filter

Media type; Impregnated with Iron compounds (Fe)

Characteristic; High efficiency, zeolite based

Characteristics	Value	Units
Pellet Diameter	3 or 4	mm
Bulk Density	850	g/l
Hardness	4	Kgf/cm
Humidity	<20	%
H_2S Removal Capacity by Cycle	4.5	% in weight
Number of Cycle	10	-
Gas Removal Process	Catalytic	-

Application Areas

Biogas Plants



Fresh ULP-Bi-On F



Spent ULP- Bi-On Fe

NOTE: NOTE : Colour change when the product is exhaust. Visual indicator of the product life.It turns from yellow to black when fully spent.

Related Modules



Module PP18



Module PP12



Canister