

ATRI-BI-ON KI



ATRI-BIOCARB KOH KI

Specifications

- It is made of activated carbon mixed with zeolites of the highest purity and large surface area
- Catalytic process in which the Hydrogen Sulfide (H₂S) is transformed into elemental Sulfur (S)
- Works well with little oxygen, application in desulfurization of biogas
- Has higher Hydrogen Sulfide (H₂S) adsorption capacity than ULP- Biocarb KOH
- Works exceptionally well in all scrubber systems

Target Pollutans

Hydrogen Sulfide (H₂S)

Application Areas

Treatment Plants, Pumping Stations, Desulfurization of Biogas (in non-aerobic conditions), Pulp and Paper Industry, Petrochemical Refineries

Characteristics	Value		Units
	ATRI-Biocarb KOH KI	ATRI-Bi-On KOH KI	
Pellet Diameter	3 or 4	4	mm
Bulk Density	480	580	g/l
Surface Area	1200	1050	m ² /g
Humidity	20	15	%
H ₂ S Removal Capacity	55	30	% in weight
Ignition Temperature	360	330	°C
Gas Removal Process	Chemisorption	Chemisorption	-

Filter type; Chemical Filter

Media type; Impregnated with Potassium Hydroxide (KOH) and Potassium Iodide (KI)

Characteristic; High efficiency, activated carbon based or zeolite based

Application Guidelines

ATRI-Biocarb KOH KI and ATRI-Bi-On KOH KI work under the following application guidelines:

- Temperature: -20 °C till 50 °C (-4 F till 122 F)
- Humidity: 10 - 95% RH

NOTE : Remaining life of the media can be determined by desorption tests performed in specialized laboratory.

ATRI-BI-ON KOH KI

Specifications

- It is an activated carbon of the greatest purity and of big surface area
- Contains Potassium Hydroxide (KOH) against to acid gases
- Broad spectrum media with capacity Impregnated with potassium iodide (KI)

Target Pollutans

Hydrogen Sulfide (H₂S), Sulphur Dioxide (SO₂), Mercaptans and VOC's

Application Areas

Biogas Plants

Related Modules



Module PP18



Module PP12



Canister