

ATRI-BI-ON TRIPLE BLEND



Specifications

- ATRI-Bi-On Triple Blend media removes the widest variety of odors and gases from applications where jet fuel fumes, diesel exhaust and automobile emissions are present
- Contains a 50:25:25 blend, respectively of ATRI-Bi-On KOH, ATRI-Bi-On AC and ATRI-Bi-On +6 % engineered dry-chemical media. Each type of media targets a particular pollutant specific to engine exhaust ATRI- Bi-On +6 % for removal of Nitric Oxide, Hydrogen Sulfide, Nitrogen Dioxide and ATRI-Bi-On KOH for removal of acid gases - 95% of the total gaseous contaminants found in engine exhaust. ATRI-Bi-On AC working in conjunction, remove most of the remaining contaminants
- Shall be an activated carbon for the control of Hydrocarbons, Odours with a high surface area available for adsorption
- Shall be composed of carbon, zeolite and other binders
- The media chemisorptive process shall remove contaminant gases by means of adsorption, absorption, and chemical reaction

Target Pollutans

"Nitrogen Dioxide (NO₂), Nitric Oxide (NO), Sulfur Dioxide (SO₂), Organic Acids, Ozone (O₃), Other VOC's, Diesel exhaust and automobile emissions

Characteristics	Value			Units
	ATRI-Bi-On KOH	ATRI-Bi-On +6 %	ATRI-Bi-On AC	
Pellet Diameter	4	3 or 4	4	mm
Bulk Density	580	840	500 ± 30	g/l
Surface Area	1050	>1000	1050	m ² /g
Humidity	15	15	4	%
H ₂ S Removal Capacity	26	12	-	% in weight
SO ₂ Removal Capacity	7	6	-	% in weight
Cl ₂ Removal Capacity	10	-	-	% in weight
Toluene Adsorption Capacity	-	-	>14	% in weight
CTC	70	-	55	%



Application Areas

Petrochemical Refineries, Landfill, Pulp and Paper Industry, Car Park, Waste Water Treatment Plant (WWTP), Airport, Mining, Gas Treatment Companies, Chemical Plants

Filter type: Chemical Filter

Media type: Impregnated with Potassium Permanganate (KMnO₄), Potassium Hydroxide (KOH) and Virgin Active Carbon (AC)

Characteristic: High efficiency, activated carbon based and zeolite based

Related Modules



Module PP18



Module PP12



Canister