

ATRI-BI-ON +11% / AC



Specifications

- It is a mixture of ULP-Bi-On +11% and activated carbon ATRI-Bi-On AC
- This mix is offered in: 70%-30%, %50-%50, %30-%70 with a bulk density 720, 640 or 565 g/l
- ATRI-Bi-On + contains 11% potassium permanganate and ATRI-Bi-On AC contains no impregnates
- Highly effective against to Hydrogen Sulphide (H₂S) and Mercaptans
- Is not affected by high humidity
- Life time of ATRI-Bi-On +11 % / AC is six times longer than filters containing active carbon (AC), so maintenance cost is reduced when ATRI-Bi-On +11 % / AC is used

Target Pollutans

Hydrogen Sulfide (H₂S), Sulphur Dioxide (SO₂), Nitrogen Dioxide (NO₂), Nitricoxide (NO), Hydrogen Chloride (HCl), Formaldehyde and Odours (solvent and thinner vapours or odours from paint and varnish, glue, rubber or cleaning agent vapours, food odours etc.)

Application Areas

Pulp and Paper Industry, Hospital, Museum, Petrochemical and Refineries etc.

Filter type; Chemical Filter

Media type; Impregnated with Potassium Permanganate (KMnO₄)

Characteristic; High efficiency, zeolite based and activated carbon based

Characteristics	Value		Units
	ATRI-Bi-On +6 %	ATRI-Bi-On AC	
Pellet Diameter	4	4	mm
Bulk Density	840	480±30	g/l
Surface Area	200 or 300	1052	m ² /g
Humidity	15	4	%
H ₂ S Removal Capacity	16	-	% in weight
SO ₂ Removal Capacity	6	-	% in weight
NO Removal Capacity	2.5	-	% in weight
NO ₂ Removal Capacity	8	-	% in weight
CCl ₄ Removal Capacity	-	55	% in weight
Gas Removal Process	Chemisorption	Adsorption	°C

Application Guidelines

ATRI-Bi-On +11 % / AC works under the following application guidelines:

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

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

Related Modules



Module PP18



Module PP12



Canister