

# XR2007®I impregnated activated alumina with sodium permanganate

## Products Introduction:

XR2007®I impregnated activated alumina with sodium permanganate(NaMNO4) media is a chemisorbent, filtering by adsorption and then oxidation. It is gradually used in the field of fresh vegetables and other areas.

XR2007®I impregnated activated alumina with NaMNO4 media is a high surface area activated alumina pellet, impregnated with Sodium permanganate during its manufacturing. The result is a chemical filter with highly enhanced performance in removing Hydrogen Sulfide (H<sub>2</sub>S), Sulfur Dioxide (SO<sub>2</sub>), Nitrogen Dioxide (NO<sub>2</sub>), Mercaptans. It is the three times than immersion KMNO<sub>4</sub> impregnated activated alumina with immersion technology.

## Characteristics:

|High bulk density

|Uniform size and even color

|High mechanical strength and wear resistance

|High pore volume and high adsorption

|8-16% KMNO<sub>4</sub> content

Item	Unit	Technical requirement	
Particle size	mm	3-5	4-6
AL <sub>2</sub> O <sub>3</sub>	%	≥70	≥70
NaMnO <sub>4</sub>	%	≥6.0	≥6.0

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Bulk density	g/ml	≥0.90	≥0.90
Surface area	m <sup>2</sup> /g	≥200	≥200
Pore Volume	ml/g	≥0.42	≥0.42
Crushing Strength (N/Particle)	N/particle	≥100	≥150

**Application:** XR2007®I impregnated activated alumina with sodium permanganate(NaMNO<sub>4</sub>) media is used for chemical filtration.

**Storage:**

Avoid moisture, avoid scrolling, throw and sharp shocking during transportation, rainproof facilities should be readied..

It should be stored in dry and ventilated warehouse to prevent contamination or moisture.

**Package:**

Type	Paper bag	Paper Drum	Steel Drum
Beads	25kg/55lb	25 kg/ 55 lb	150 kg/ 330 lb

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