



## CCC BLEND

### Blended permanganate activated alumina

### CCC BLEND- Standard Product Specifications

**CCC BLEND** is a blend of spherical porous permanganate impregnated activated alumina and pelletized activated carbon, designed for the removal of acid gases and odors. **CCC BLEND** has been specially engineered to provide the highest oxidation potential available thus assuring the highest overall performance. The chemisorptive process removes contaminant gases by means of adsorption, and oxidation. It demonstrates a higher working capacity for broad-spectrum control in applications where multiple contaminant gases are present.

#### Specifications – Activated Alumina:

Diameter (mm)	3-5
Gravity surface area (m <sup>2</sup> /g)	300 min
Cavity volume (cm <sup>3</sup> /g)	0.4 min
Static adsorption (mg/g)	170 min
Bulk density (g/ml)	0.72 min
Crush strength (N)	60-100
Wear rate (wt%)	15-20

#### Specifications – Activated Carbon:

CCl <sub>4</sub> Adsorption Capacity (%)	60 min
Moisture (%)	5 max
Mean Particle Diameter (mm)	4 min
Apparent/Bulk Density (Kg/m <sup>3</sup> )	450±30
Crushing Strength (Kg)	4 min
Ball pan hardness	95 min

#### Typical Applications

- Hydrogen sulfide (H<sub>2</sub>S)
- Sulfur dioxide (SO<sub>2</sub>)
- Nitrogen dioxide (NO<sub>2</sub>)
- Nitric oxide (NO)
- Formaldehyde (HCHO)
- Portable unit filters.

#### Features and Benefits

- Gas dehydration
- High relative humidity
- Thermal stability
- Low dusting , High Strength.
- Fast neutralization reaction.

#### Available Particle Sizes

- Dia 3-5
- Pellet : 4mm/6mm.

#### Standard Packaging

- 25 kg PP bags (55 lbs)
- 500 kg jumbo bags (1100 lbs)
- Other packing can be possible on request