

At a glance

Viledon® ChemControl Pellets

CCP 104

1 2 3 4 7
9 10



Used for the prevention of corrosion caused by acidic gases. Remove contaminant gases by adsorption, absorption and chemisorption. Contain a minimum of 4% potassium permanganate to eliminate contaminants via oxidation reaction to inactive solids.

CCP 510

5



Used especially for removal of gaseous halogens from airstreams. Capture chlorine, bromine and iodine by adsorption and absorption. Highly porous structure of activated alumina impregnated with active ingredients.

CCP 108

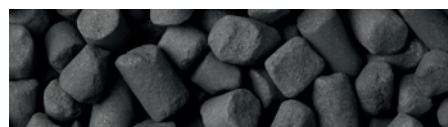
1 2 3 4 7
9 10



Used for the prevention of corrosion caused by acidic gases. Remove contaminant gases by adsorption, absorption and chemisorption. Contain a minimum of 8% potassium permanganate to eliminate contaminants via oxidation reaction to inactive solids.

CCP 610

5 8 11



Used for the filtration of airborne contaminant gases e.g. hydrocarbons, VOCs, chlorine and nitrogen dioxide. Consist of virgin activated carbon with very high inner surface area to achieve excellent adsorption capacities. Very low resistance to airflow and long service life.

CCP 210

1 2 3 4 7
9 10



Designed to remove or destroy airborne acidic gases by oxidation. Especially high reactivities and removal capabilities, even at high contaminant concentrations. Contain a mix of sodium and potassium permanganate at minimum 10% by weight. Excellent performance, lifetime and reactivity.

CCP 810

1 2 4 8 11



Blended pellets used for filtration of gaseous contaminants. 50:50 mix of CCP 108 and CCP 610 provides excellent adsorption, absorption and chemisorption. Ideal for restricted spaces or to provide effective filtration via oxidation of contaminants and adsorption of hydrocarbons, aldehydes and VOCs.

CCP 310

1 2 3 5



Ideal for filtration of acidic gases in highly corrosive environments, e.g. pulp & paper industry. Very effective in removing hydrogen sulfide, sulfur dioxide and chlorine. Porous structure based on activated alumina impregnated with activated carbon, evenly distributed to achieve high efficiency over long lifetimes.

CCP 903

6



Specifically used for removal of gaseous ammonia from airstreams. They capture ammonia by means of adsorption and absorption inside their zeolite structure. High inner surface provides good removal capacity over a long service life.

Pellets are especially recommended for all contaminant gases highlighted in blue ■

1 Hydrogen sulfide (H₂S)
2 Sulfur dioxide (SO₂)
3 Other oxides of sulfur

4 Nitrogen oxides (NO_x)
5 Chlorine
6 Ammonia

7 Formaldehyde
8 Hydrocarbons
9 Mercaptans

10 Low molecular weight organic acids
11 Volatile organic compounds (VOCs)

Please note:

Other ChemControl pellets are available on request – especially custom formulations with impregnations for specific contaminants gases. All application information provided are subject to on-site conditions, specific

application requirements and potential alternating effects by combining several ChemControl pellets in multi-stage units. Please consult your local Viledon® partner for further information.

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