



### Applications

CCP 210 pellets have been specially designed to remove or destroy airborne acidic gases by oxidation. They offer especially high reactivities and removal capabilities to achieve very long lifetimes, even under high contaminant concentration conditions. CCP 210 pellets con-

sist of potassium permanganate at a minimum of 10% by weight. The active ingredients are evenly distributed in the porous structure to provide optimum performance, lifetime and reactivity.

SPHERES MADE OF ALUMINUM OXIDE WITH 10% POTASSIUM PERMANGANATE		CCP 210
Bulk density	kg/m <sup>3</sup>	800 (+/-5%)
Nominal diameter of spherical pellets	mm	3.8
Moisture content (approx.)	%	20
Crush strength (minimum)	kg	2
Removal capacity for H <sub>2</sub> S of own weight*	%	25
Removal capacity for SO <sub>2</sub> of own weight*	%	12
Minimum design efficiency	%	99.5
Typical air velocity	m/s	0.3–2.5
Suitable for relative air humidities	%	10–95
Temperature range	°C	-20–+50
Remaining lifetime analysis	possible	yes

DELIVERY NOTES		
Weight per box	kg	22.7
Box dimensions (L x W x H)	mm	320 x 320 x 340

### CONTAMINANT GASES

CCP 210 pellets are especially recommended for all contaminant gases highlighted in lightblue ●. Choose other ChemControl pellets for all contaminant gases marked in darkblue ●.

- 1 ● Hydrogen sulfide (H<sub>2</sub>S)
- 2 ● Sulfur dioxide (SO<sub>2</sub>)
- 3 ● Other oxides of sulfur
- 4 ● Nitrogen oxides (NO<sub>x</sub>)
- 5 ● Chlorine
- 6 ● Ammonia
- 7 ● Formaldehyde
- 8 ● Hydrocarbons
- 9 ● Mercaptans
- 10 ● Low molecular weight organic acids
- 11 ● Volatile organic compounds (VOCs)

If you require information and pellet selection assistance for contaminant gases not listed here, please consult your Viledon® partner.

\* tested in broad conformity with ASTM International Standard D6646-03

The figures given are mean values subject to tolerances due to normal production fluctuations. Our explicit written confirmation is always required for the correctness and applicability of the information involved in any particular case. Subject to technical alterations.

## AT A GLANCE – VILEDON CHEMCONTROL PELLETS



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### Please note

Other ChemControl pellets are available on request – especially custom formulations with impregnations for specific contaminant 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.

The information or figures given are subject to tolerances due to normal production fluctuations. Our explicit written confirmation is required in each case for the correctness of the information. Subject to technical alterations. You will find instructions on how to handle and dispose of loaded filters in our information on product safety and eco-compatibility.

FREUDENBERG FILTRATION TECHNOLOGIES

Contact us

[www.freudenberg-filter.com](http://www.freudenberg-filter.com)

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