



Applications

CCP 610 pellets are used for the filtration of airborne contaminant gases such as hydrocarbons, volatile organic compounds, chlorine and nitrogen dioxide. They consist of virgin activated carbon,

which offers a very high inner surface area to achieve excellent adsorption capacities. CCP 610 pellets provide very low resistance to airflow and long service life.

EXTRUDED PELLETS MADE OF ACTIVATED CARBON		CCP 610
Bulk density	kg/m ³	510 (+/-5%)
Nominal diameter of cylindrical pellets	mm	4.0
Nominal length of cylindrical pellets	mm	8.0
Moisture content (approx.)	%	3
Crush strength (minimum)	kg	2
Removal capacity for Cl ₂ of own weight	%	10
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	no

DELIVERY NOTES		
Weight per box	kg	14.5
Box dimensions (L x W x H)	mm	320 x 320 x 340

CONTAMINANT GASES

CCP 610 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 (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)

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

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

<p>CCP 104</p> <p>1 2 3 4 7 9 10</p> 	<p>CCP 610</p> <p>5 8 11</p> 
<p>CCP 108</p> <p>1 2 3 4 7 9 10</p> 	<p>CCP 810</p> <p>1 2 4 8 11</p> 
<p>CCP 210</p> <p>1 2 3 4 7 9 10</p> 	<p>CCP 830</p> <p>1 2 3 4 8 11</p> 
<p>CCP 310</p> <p>1 2 3 5</p> 	<p>CCP 840</p> <p>1 2 5 8 11</p> 
<p>CCP 510</p> <p>5</p> 	<p>CCP 903</p> <p>6</p> 

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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

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