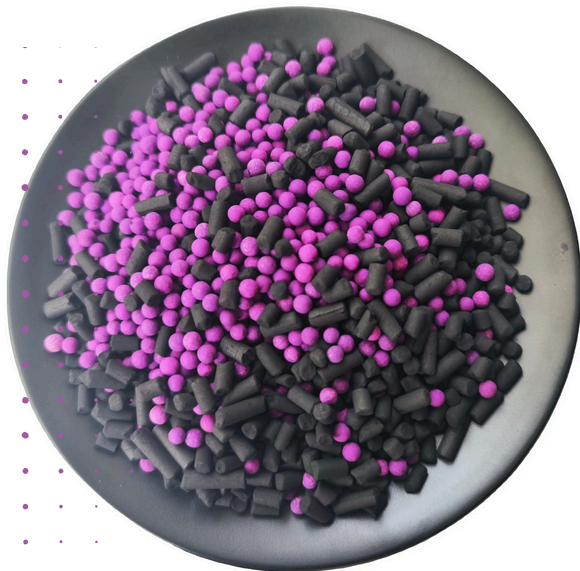




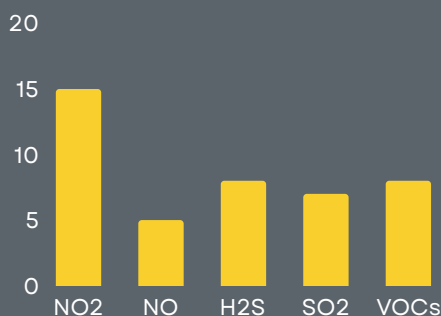
## VEL Blend

### Filtration Media



Our blend combines VEL Acrux activated carbon sourced from anthracite coal and VEL Orion. VEL Orion consists of alumina spheres infused with 8% potassium permanganate (KMnO<sub>4</sub>), while VEL Acrux is CTC60, virgin activated carbon without impregnation. This blend effectively removes high molecular weight compounds like VOCs, as well as low molecular weight compounds such as acidic gases, nitrogen, and sulfur.

#### Removal Capacity of Pollutants (%) @ 50/50 ratio



#### Specifications

Properties	Value	Units	Value	Units
Apparent density	450-760	g/cm <sup>3</sup>	28-47	lb/ft <sup>3</sup>
Pellet Diameter	4	mm		
Surface area	1052	m <sup>2</sup> /g	5136	ft <sup>2</sup> /lb
Crush strength	> 98%			
Moisture content	4 - 10 %			
Available blends	80/20, 70/30, 60/40, 50/50			

#### Operating Conditions

Parameter	Value (metric)	Value (British)
Temperature	< 50 C°	< 122 F°
Relative Humidity	10-95%	
Efficiency	99% min	
Storage	5-30 C°	41-86 F°
Shelf life	2 years	

#### Packaging Options

Big bags	500 kg	1100 lb
Small bags	25 kg	55 lb



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