



# Pollux KOH

## Catalytic Filtration Media

### Specifications

| Properties          | Value                 | Units | Value | Units  |
|---------------------|-----------------------|-------|-------|--------|
| Apparent density    | 550 ± 30              | g/cm3 | 33± 2 | lb/ft3 |
| Pellet Diameter     | 3-4                   | mm    |       |        |
| Iodine Options      | 700-1100              | Mg/g  |       |        |
| CTC Options         | 50, 60, 70, 80, 90    |       |       |        |
| Crush strength      | > 95 %                |       |       |        |
| Moisture content    | 15% (max)             |       |       |        |
| <b>H2S Capacity</b> | <b>&gt; 0.21 g/cc</b> |       |       |        |
| KOH Content         | 10 - 12 %             |       |       |        |

### Operating Conditions

| Parameter         | Value (metric) | Value (British) |
|-------------------|----------------|-----------------|
| Temperature       | -20-60 C°      | -4 - 140 F°     |
| Relative Humidity | 30-97 %        |                 |
| Efficiency        | 99.5 % min     |                 |
| Storage           | 5-30 C°        | 41-86 F°        |
| Shelf life        | 2 years        |                 |

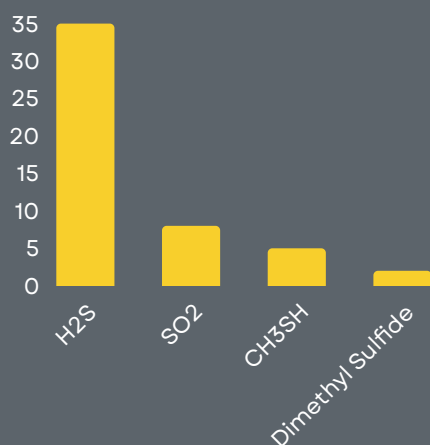
### Packaging Options

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



Our Pollux KOH catalytic carbon integrates premium activated carbon and high-quality anthracite with a kerosene binder, enhanced by the addition of Potassium Hydroxide (KOH) before activation. This formulation achieves exceptional adsorption capacity and efficiency for hydrogen sulfide (H2S), efficiently storing H2S in the carbon micropores. Pollux KOH carbon demonstrates excellent mechanical properties and is purposefully engineered to eliminate H2S, VOCs, SO2, and acidic, corrosive gases.

### Removal Capacity of Pollutants (%)



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