

PureAir Filtration



Sulphasorb MAX H2S Adsorbent

Description:

Sulphasorb MAX was developed to provide our customers with the highest extended life. While it targets the same gases as Sulphasorb XL, Sulphasorb MAX has a capacity for Hydrogen Sulfide (H₂S) which is roughly **33 percent higher** than any other product in the market. PureAir does not impregnate this carbon. The neutralizing properties are a result of extremely high porosity in combination with catalytic compounds in the product. Note that Sulphasorb MAX is a hydrophilic adsorbent, which performs well in high humidity applications.

Sulphasorb MAX performs exceptionally well not only in PureAir scrubbers, but also as replacement media in scrubbers manufactured by other companies.

Specifications:

General Description: Porous, cylindrical pellets of high grade activated carbon.

Properties:

- **H₂S Removal Capacity** (by volume): **0.40 g/cc**
- H₂S Removal Capacity (by weight): H₂S: 89 %
- Apparent Density: 0.45 g/cc (28 lbs per cu ft)
- Moisture Content: 15% max
- Ball Pan Hardness number: 95 min
- Ignition Temperature: 425 C min
- Iodine No.: 1050 mg/g
- Butane Activity, (weight%): 26% min
- Mean Particle Diameter: 4 mm
- Headloss at 50 fpm 2.0" max per foot of bed

Media Remaining Life Testing: Pure Air Filtration provides free quarterly media testing for the life of the media installation. This testing provides critical data including remaining carbon life, remaining reagent content, total life prediction, and projected replacement date. All analyses are performed at our laboratory. Note that Sulphasorb MAX works with PureAir's Real Time Media Bed Monitoring system which eliminates the need for media testing.

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