



Acticarb GS1000

Description:

Higher activity Granular Activated Carbon, with Bimodal Pore Distribution, delivering high adsorption capacity and rapid adsorption rate.

Application:

For the treatment of aqueous and organic solutions containing high concentrations of organic micropollutants such as algal metabolites, industrial and agricultural chemicals. Applications include drinking water, storm water and hydrocarbon processing industrial applications including remediation projects.

Advantages:

- High adsorption capacity with a high rate of removal allowing short contact times
- High hardness and therefore reduced production of fines
- High density therefore high mass adsorption capacity

Typical Analysis:

| | |
|--------------------------------------|-----------|
| Apparent Density (g/ ml) | 0.36-0.40 |
| Moisture as packed (% max.) | 3 |
| Ash Content (% max.) | 13 |
| Iodine Number | > 950 |
| Surface Area (BET M ² /g) | >1 000 |
| Hardness Index (% min.) | 85 |

Particle Size Specification:

5% max on upper sieve, 92% min between sieves, 3% max through lower sieve

| Available Particle Size: | Effective Size | Uniformity Coefficient |
|--------------------------|----------------|------------------------|
| 4 x 8 Mesh | 2.0 – 3.0mm | < 1.4 |
| 8 x 16 Mesh | 1.2 – 1.4mm | < 1.4 |
| 10 x 20 Mesh | 0.9 – 1.1mm | < 1.4 |
| 8 x 30 Mesh | 0.8 – 1.1mm | < 1.8 |
| 12 x 40 Mesh | 0.5 – 0.7mm | < 1.8 |

Other sizes are available at 2 - 4 weeks' production lead time.

Packaging:

Available ex-stock in 400kg bulk bags and 15kg paper bags. Other packaging is available on request.