

Chemsorb[®] MilSpec



molecular

CARBON, ACTIVATED, IMPREGNATED, COPPER-SILVER-ZINC-MOLYBDENUM-TRIETHYLENEDIAMINE

High-grade impregnated activated carbon for removal of a broad spectrum of airborne gases and vapors.

Description

Chemsorb[®] MilSpec adsorbent is specifically designed to meet the standards specified in MIL-DTL-32101A. Chemsorb[®] MilSpec is a high-grade impregnated activated carbon for use in chemical, biological, radiological and nuclear filters for individual or collective protection. Based upon a bituminous coal-activated carbon, this material exhibits the necessary adsorption capacities for a broad spectrum of gases and vapors.

Typical properties

Test method

| | | |
|------------------------------------|--------------------------|------------|
| Carbon base | Granular bituminous coal | |
| Hardness, ball-pan | 85 minimum | ASTM D3802 |
| Bulk density | 0.68 g/ml maximum | ASTM D2854 |
| Moisture content, as packed | 2.5% maximum | ASTM D2867 |

Standard mesh size (US Sieve)

| Molecular Products Inc. designation | Particle size | Test method |
|-------------------------------------|---------------|--|
| G15 | 12 x 30 | ASTM D2862 Table II. MIL-DTL-32101A |

Particle size distribution

Table II. MIL-DTL-32101A

Note: this technical datasheet indicates physical properties that are standard and typical. Molecular Products Inc. will meet customer specifications as required.

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