

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	ASTM D2862
G15	12 x 30	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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