TECHNICAL DATA SHEET
SILICA GEL MILITARY GRADES

DESCRIPTION

GLASSY, HARD, IRREGULARLY-SHAPED GRANULES OF APPROXIMATELY 99.5% PURE SILICON DIOXIDE AND AN INTERNAL SURFACE AREA OF NEARLY 800 SQUARE METERS PER GRAM.

	PART NUMBER 920002	**PART NUMBER 920001**
PARTICLE SIZE	3 – 8 MESH	6 – 12 MESH
BULK DENSITY	45 LBS/CU FT	45 LBS/CU FT
TOTAL VOLATILES (@1750° F)	6.0%	6.5%
SURFACE AREA (SQUARE METERS/GRAM)	780	760
PORE DIAMETER (ANGSTROMS)	22	22

TOTAL EQUILIBRIUM ADSORPTION AT:

10%	6.5	7.2
20%	11.9	12.4
40%	24.01	24.9
60%	35.5	35.0
80%	38.5	38.0

CONFORMS TO:	MIL-D-3716 TYPE I, GRADE H	MIL-D-3716 TYPE II, GRADE H

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