

TECHNICAL DATA SHEET
MOISTURE-INDICATING SILICA GEL MILITARY GRADE
PART NUMBER 920003

DESCRIPTION

GLASSY, HARD AND UNIFORMLY SPHERICAL BEADS OF APPROXIMATELY 99.2% PURE SILICON DIOXIDE IMPREGNATED WITH COBALT CHLORIDE (0.4-0.5% BY WEIGHT). THE BEADS REMAIN BLUE WHEN THE DESICCANT IS IN AN ACTIVE CONDITION TURNING TO PINK UPON SATURATION.

BALL DIAMETER	6-16 U.S. MESH
BULK DENSITY	(1.5-3.0mm)
TOTAL VOLATILES (@ 1750°F)	45 lbs/cu ft
SURFACE AREA	750/800
TOTAL EQUILIBRIUM ADSORPTION AT:	(sq meters/gram)
20% RH	11.4%
40% RH	22.6%
60% RH	30.2%
80% RH	33.5%

CONFORMS TO:

MIL-D-3716a
TYPE IV, GRADE H

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