## TECHNICAL DATA SHEET MOISTURE-INDICATING MOLECULAR SIEVE TYPE 4A (BLUE) PART NUMBERS 920407 AND 920410

| NORMAL PORE SIZE                         | 4 ANGSTROM   |
|--|--------------|
| TYPE OF CRYSTAL STRUCTURE                | SIMPLE CUBIC |
| MAXIMUM MOISTURE CONTENT AS              | 4.00%        |
| SHIPPED (MEASURED @ 600° F)              |              |
| BULK DENSITY                             | 47 LBS/CU FT |
| CRUSH STRENGTH                           | 10 LBS       |
| <b>TOTAL EQUILIBRIUM ADSORPTION AT:*</b> |              |
|  |              |
| 10% RH                                   | 17%          |

| 10% RH | 17% |
|--------|-----|
| 20% RH | 18% |
| 40% RH | 19% |
| 60% RH | 20% |
|        |     |

## \*WATER VAPOR ADSORPTION CAPACITY BY WEIGHT

MOISTURE-INDICATING MOLECULAR SIEVE ALLOWS THE USER TO DETERMINE WHETHER A BED OF DESICCANT IS NEARING WATER VAPOR SATURATION. WHILE THE INDICATOR BEADS ARE IN THE BLUE CONDITION, THE DESICCANT BED IS ACTIVE. AS THE INDICATOR BEADS TURN TO A LIGHTER SHADE OF BLUE, THE TECHNICIAN IS WARNED THAT THE DESICCANT BED IS APPROXIMATELY 60% SATURATED. WHEN THE INDICATOR BEADS HAVE TURNED TO BEIGE, THE DESICCANT HAS REACHED EQUILIBRIUM CAPACITY AND SHOULD BE REPLACED.

## **AVAILABLE FORMS:**

MOISTURE-INDICATING MOLECULAR SIEVE IS AVAILABLE IN 8-12 OR 4-8 MESH BEAD DIAMETERS.

AGM CONTAINER CONTROLS, INC. 3526 E. Ft. Lowell Rd. • Tucson, AZ 85716 Tel: 520-881-2130 • Fax: 520-881-4983 www.agmcontainer.com • sales@agmcontainer.com