

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 SHIPPED (MEASURED @ 600° F)	4.00%
BULK DENSITY	47 LBS/CU FT
CRUSH STRENGTH	10 LBS
<u>TOTAL EQUILIBRIUM ADSORPTION AT:*</u>	

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