

## **HUMIDITY CONTROL AND MOISTURE MEASUREMENT**

## NON-INDICATING SILICA GEL PRODUCT INFORMATION

<u>COLOUR</u> Opaque beads of desiccant.

**RESIDUAL MOISTURE** Mean: (Typical) Less than 1% by weight.

Maximum: Not more than 2% by weight.

**ADSORBTION** 30 - 35% by weight at 55% RH @ 20° C

**BEAD SIZE** Ideal: 3 - 5mm diameter.

Allowable: 2 - 5mm diameter.

**BULK DENSITY** 720Kg per cu meter. Tolerance  $\pm$  5%.

COMPOSITION 98.2% SiO<sub>2</sub>

**PORE SIZE** 20 – 25 Angstroms

TYPICAL EQUILIBRIUM
ADSORPTION @ 20°C (W.T.%) AT:

 10%RH
 8

 20%RH
 12

 40%RH
 25

 50%RH
 30

 60%RH
 35

**REACTIVATION TEMP** 120° C. Maximum. for 3-4 hours

**CONFORMS TO SPECIFICATION BS7554** 

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