

**HUMIDITY CONTROL AND MOISTURE MEASUREMENT****ENVIROGEL PRODUCT INFORMATION****COLOUR / CHANGE**

Orange to Green @ 20% RH  $\pm$  7.5% RH. @ a temperature of 20° C.  
This is equal to 12-14 % when colour change occurs.

**RESIDUAL MOISTURE**

Mean: ( Typical )      Less than 1% by weight.  
Maximum:                      Not more than 2% by weight.

**ADSORPTION**

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>  
Colour Change Indicator 100ppm.

**PORE SIZE**

20 – 25 Angstroms

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

10%RH	8
20%RH	12
30%RH	20
40%RH	25
50%RH	30
60%RH	35

**REACTIVATION TEMP**

110° C. Maximum. for 3-4 hours

**SAFETY PRECAUTION SEE MATERIAL SAFETY DATA SHEET: MCS/101/01/MSDS**

**PLEASE NOTE THIS MATERIAL IS NON HAZARDOUS**

For further information:- [www.envirogel.co.uk](http://www.envirogel.co.uk)

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