



## FORMOSA PLASTICS CORPORATION

### **TAIRYSORB<sup>®</sup> WATER RETAINER**

#### *Technical Data Sheet*

Using **TAIRYSORB<sup>®</sup>** water retainer increases the water holding capacity of soil and substrate. Plant growth is improved and water can be saved. **TAIRYSORB<sup>®</sup>** has the ability to easily release the absorbed water and maintain nutrient in soil. When incorporated into the soil or substrate, it absorbs and retains large quantities of water and nutrients. The frequency of irrigation and loss of valuable nutrients are reduced by applying **TAIRYSORB<sup>®</sup>**.



***Improve water holding capacity of soil and plant growth***

Table 1. Physical properties of TAIRYSORB AG 301

Basis	Crosslinked potassium acrylate polymer
Appearance	White powder
Particle Size Distribution [μm]	850-150
Bulk Density [g/l]	500-700
Solubility	Insoluble in water and organic solutions
pH-Value (1g/l H <sub>2</sub> O)	6-7
Residual Monomers [ppm]	<1000
Free absorption in DI water (g/g)	>300

#### Storage Stability

**TAIRYSORB<sup>®</sup>** should be stored in closed package under dry condition and ambient room temperature.

**Please contact us for any further information**

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