



FORMOSA PLASTICS CORPORATION

TAIRYSORB[®] WATER RETAINER

Technical Data Sheet

Using **TAIRYSORB[®]** water retainer increases the water holding capacity of soil and substrate. Plant growth is improved and water can be saved. **TAIRYSORB[®]** 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[®]**.



Improve water holding capacity of soil and plant growth

Table 1. Physical properties of TAIRYSORB AG 302

Basis	Crosslinked potassium acrylate polymer
Appearance	White powder
Particle Size Distribution [μm]	2000-850
Bulk Density [g/l]	500-700
Solubility	Insoluble in water and organic solutions
pH-Value (1g/l H ₂ O)	6-7
Residual Monomers [ppm]	<1000
Free absorption in DI water (g/g)	>300

Storage Stability

TAIRYSORB[®] should be stored in closed package under dry condition and ambient room temperature.

Please contact us for any further information

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