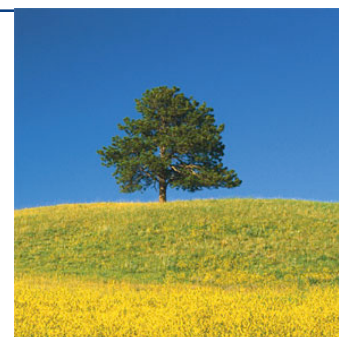


Water Absorbing Soil Conditioners

AQUASORB™ 3005 KB



PRODUCT DESCRIPTION

AQUASORB 3005 KB is a high quality, high purity superabsorbent polymer specifically designed by SNF s.a.s. used to absorb and retain large quantities of water and nutrients for agriculture, horticulture, landscaping, forestry and mining.

COMPOSITION

Crosslinked Copolymer of Acrylamide and Potassium Acrylate.

PHYSICAL CHARACTERISTICS

Appearance	White powder
Particle size (mm)	< 1.0
Ionic Character	Anionic
Active Ingredient (% solid content)	100
Moisture Content	10
Approx. bulk density (g/cm ³)	0.8
Usable pH range	5 – 9
Solubility in water	Insoluble
Shelf Life* (years)	5

* When stored inside a building at a stable temperature between 0° and 35°C.

TYPICAL CHARACTERISTICS

Maximal absorption *	
• Deionised water	360
• Water with 1,000 ppm of NaCl	200
• In the soil †	150 – 200
Time to reach 60% of max. absorption (minutes)	25
Stability of swollen product in sandy soil (years)	2 - 4

* in weight of retained water / weight of dry product

† measured under a pressure of pF3 = 2 atm.

RATES OF APPLICATION

Mixed to substrates (sand, peat, compost) (kg/m ³)	2 – 3
Hydroseeding (kg/ha)	10 - 20
Broadcast (g/m ²)	50 - 100

• Rates vary accordingly to the conditions of the soils, crops and water supplies (rainfall or irrigation, quantities and frequencies).

STORAGE

Store in dry place at a temperature between 0°C and 35°C.

PACKAGING

Multiwall polythene bags	25 kg
Big bags	500 kg and 750 kg
Other dimensions	On request

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