

Absorber Technical Data Sheet

Cross-linked Copolymer of Acrylamide and Potassium Acrylate	
Dry matter	85% - 90%
Apparent Density	0.85
Specific Weight	1.10 g/cm ³
pH	8.1
Appearance of the product	Dry = White powder Hydrated = transparent gel
Particle size	Powders, micro granules, granules
Maximum absorption (in w/w)*	400 in deionised water 150 in soil
Water retention capacity at pF1	980 ml/I
Available water at pF4.2 (near-permanent wilting point)	95%
Cationic Exchange Capacity (CEC)	4.6 meq/g
Dosage	Substrate: 1 to 2 gram per litre Broadcast on soil: 20to 50 gram per m ²
Effectiveness in soil	Up to 5 years
Toxicity in soil Toxicity	None under normal conditions of use oral LD50/rats > 5000 mg/kg
Packaging	25-kg plastic bag 1-kg plastic bag
Storage temperature	0 - 35 C
Shelf life of the dry product	5 years

*Value that depends on the particle size of the product

Organix Limited,
P.O. Box 14494,
Nairobi 00800, Kenya
Tel: +254 20 3741482 / 356 62241/2
Fax: +254 20 3742605
enquiries@organix-agro.com