

EURO-RETENITEUR KM (Water Storage Polymer)



PRODUCT DESCRIPTION

EURO-RETENITEUR KM is a high-quality super absorbent polymer specially developed to store large quantities of water (eventually enriched with fertilizer) in the soil.



ACTION FIELDS

EURO-RETENITEUR KM is a high quality super-absorbent co-polymer specially developed to store water (eventually enriched with fertilizer) in the soil. Its water retention capacities find different applications in agriculture, horticulture, forestry and mining.

COMPOSITION

EURO-RETENITEUR KM is designed as a crosslinked (web-like) co-polymer of Acrylamide - Potassium Acrylate.

SPECIFICATIONS & PERFORMANCE

Appearance	White powder
Particle Size (mm)	> 1.0 mm
Active substance (% of dry weight)	100 %
Apparent Specific Weight (g/cm ³)	0.8
Specific Weight (g/cm ³)	1.1
Recommended pH of absorbed Water	Neutral
Maximum storage (years)	5 years
Theoretical Maximum Absorption (indication in grams of water per gram of dry product)	450
De-ionised Water (gr for 1 gr)	30
Absorption of Sea Water (gr for 1 gr)	300
Practical Absorption (gr for 1 gr)	
Time needed in order to attain 60% of maximum absorption capacity (minutes)	25
Product Stability of Swollen Product in Sandy Soils (in years)	1 to 5
Stability of Dry Product (in years)	5

APPLICATION RATES

Mixed with a volume of earth, sand, peat or loam (kg/m ³)	2-3 kg/m ³
Hydroseeding (kg/ha)	10-20 kg/ha
Superficial Spreading (g/m ²)	50-100 g/m ²

STORAGE

Please store this product inside in a dry and fresh area, under temperatures below 35°C

SAFETY AND HANDLING

Clean up spillages rapidly, surfaces will become very slippery if product is wetted.

PACKAGING

PP Bag 25 kg / Pallet with 30 bags (750 Kg)