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# PRODUCT TECHNICAL DATA SHEET

## PRODUCER:

### ARTAGRO POLSKA

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Product name: **AGROPROTECT**

## Product description:

Cross-linked potassium polyacrylate, hydrogel-superabsorbent saturated with pesticides/plant protection substances

- colour: white to brown
- humidity: 10-15%
- demineralized water absorption: over 300 g/g
- absorption rate: 6-8 h
- granulation: powdery
- up to 5 years durability in soil
- complete biodegradation: after 10 years
- pH 6-8

## Application:

Water absorbent and medium for pesticides/plant protection substances. The product increases water retention in soil and protects plants from insects and fungi that damage their roots. It is used directly prior to planting for coating seedlings' root systems (root dipping).

### Method of use:

Product used for coating plant roots for transport and planting. The product should be preliminarily hydrated in order to obtain the required thickness, plant roots are then dipped in hydrogel. Description of the suggested coating technique available in the attached leaflet.

## Specific properties:

### Storage:

Hydrogel must be stored in closed packages in a dry place. The sorptive qualities of hydrogel will not be affected in case of some moisture penetration and clumping; however, this may render its application more difficult.

### Safety measures:

The product is non-toxic. In case of contact with mouth or eyes rinse with plenty of water. The approved pesticides required and used in the process of root dipping may be toxic.

### Shelf life:

If properly stored, the product is durable.

Detailed product information included in the product safety sheet may be obtained from the producer.

**Product is certified by the Polish National Institute of Public Health**

**Technical consultation:**

Product data sheet does not allow to include all product details regarding its use and effects. In case of any doubts please contact with the producer. We will gladly provide you with advice and answer all your questions regarding the product and its applications.