



Imerys Minerals Bulgaria AD

TECHNICAL DATA SHEET

AGROPERLITE

R 07.00.09

Екземпляр No:1-2019

1. APPLICATION FIELD

The graded agroperlite is a special mark graded expanded perlite. It is chemically inert, accelerates the soil aeration, and it retains the moisture. It creates a sterile medium for the growth of the plants - it prevents the development of plants disorders and help in building up a strong root system. Due to its white color it improves the light reflection in the greenhouses and the photosynthesis process.

The Graded Agroperlite is used in several directions:

- In structuring the soil when preparation of open terrain for production of strawberries, raspberries and blackberries.
- As a substrate in growing of seeds for fruit cultures as well as in the follow up growing of the same plants with the aim of obtaining production.
- As a scarification additive for heat-retention and moisture-retention to the heavy soils.
- As an additive to the peat substrate, used in the mixtures for growing of tomatoes, cucumbers and others.
- As a base in growing seeds for strawberry cultures.
- In building up of grass areas in the gardens and parks, tennis courts, golf playgrounds as well as for terrain turf.

2. TECHNICAL REQUIREMENTS

Standard/ ISO procedure

Mark 0.63 – 4.00

- | | | |
|-------------------------------------|-------------------------------------|------------|
| ● Bulk density | - max 160 kg/m ³ | R 08.04.54 |
| ● Granularity | - from 0.63 mm up to 4.00 mm | |
| ● Fraction below 0.63 mm, in volume | - max 15 % | R 08.04.55 |
| ● Fraction over 4.00 mm, in volume | - max 5% | R 08.04.55 |

Mark 0 – 2.5

- | | | |
|-----------------------------------|------------------------------|------------|
| ● Bulk density | - max 140 kg/m ³ | R 08.04.54 |
| ● Granularity | - from 0 up to 2.5 mm | |
| ● Fraction over 2.5 mm, in volume | - max 15 % | R 08.04.55 |

3. PACKAGE:

- Polypropylene bags – 100 liters, packets – 5 liters

4. COMMERCIAL NAMES: AGROPERLITE MARK 0.63 – 4.00

AGROPERLITE MARK 0 – 2.5