koberg

CLAY GRANULES
FOR A CLEAN SUBSTRATE,
BETTER AERATION
AND A LONG LIFE

CLAY GRANULES ARE ENVIRONMENTALLY FRIENDLY AND HAVE A LONG LIFE AS A SUBSTRATE

Clay granules
They have the longest experience in special clay granules for hydroculture. We use our extensive expertise in this field to guarantee the top quality of our clay granules in various shapes and forms together with manufacturers. They supply only clay granules of the highest quality, for which we have been granted various quality marks.

Wide range of applications
Expanded clay granules are used mostly in hydroculture, in which different crop/pot diameter combinations have different water requirements and specific optimum granule sizes.

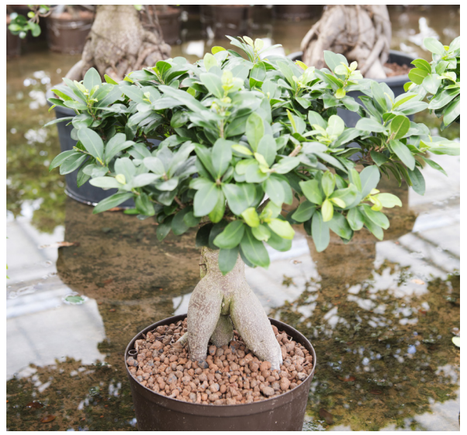
But these clay granules can be used for a wide range of other applications, too. We use the following classification system:

For each of these applications, They offer a wide range of clay granules in the following diameters and shapes:

DIAMETER (MM)	CRUDE	ROUND	CRUSHED
2-5	●	●	●
2-8	●		●
4-8	●	●	●
4-16	●		
8-16	●	●	
10-20		●	
16-25	●		

No heavy metals
The clay granules are made from special purified clay that is first cleaned, reduced in size and homogenised. The clay is then heated to 1100 °C in long rotating furnaces. This results in the formation of expanded reddish brown granules with an open cell structure: a combination of numerous air pores with sufficient water-absorbing capacity.

An important aspect in the production of reliable clay granules is the quality of the coal used to fuel the furnaces. The end product must be free of undesired heavy metals.



Properties

Inorganic material: clean, stable and retains its shape.

Stable structure in any application: optimum distribution of air and water.

Frost resistant: protects a properly performing root system for many years. Non-flammable and safe to use.

Resistant to chemical reactions: it remains possible to control the nutrient solution. pH- and EC-neutral: optimum pH range from a minimum of 5.3 to a maximum of 6.5.