

PUMICE FOR GARDENING NURSERY

COMPOSITION: MAGMATIC CELL MINERAL NATURALLY EXTENDED

Pumice is the result of natural extension of effusive magmatic mineral, which has generated an alveolar product of remarkable lightness, at high porosity, great water retention, slow release of liquids and great insulating properties. Being a natural product, it is absolutely ecological and so advisable and suitable for the gardening applications where already in large use.

PHYSICAL AND CHEMICAL PROPERTIES:

- Water absorption: approximately 100 gr of water /100 gr of pumice
- pH: 7-8
- C.S.C.: approx. 30 meq/100g
- Active limestone free
- Chemical composition: see the attached table
- NON-TOXIC product (silica free)

MEDIUM CHEMICAL ANALYSIS	
of representative samples of the front quarry	
SiO ₂	62,5 %
Al ₂ O ₃	17,5 %
K ₂ O	9,5 %
Fe ₂ O ₃	2,6 %
CaO	2,5 %
Na ₂ O	2,2 %
TiO ₂	0,5 %
MgO	0,4 %
P.F.	2,3 %
pH	7 - 8

FUNCTIONAL PROPERTIES:

Slow responding, naturally light, ideal and effective in:

- Substrate for roots (sowing, azaleas, transplanting, cultures outside the ground and hydro culture).
- Preparation of compost: universal garden soil, specific garden soil (annual plants, acidophil plants, succulent plants, houseplants, turf, etc.) whether for pot plants or for the transplanting into the ground; professional garden soil or botanical gardening outside and for protected cultures.
- Mulching
- Hydroponics
- Cultures outside the ground
- Amendment of the ground
- Hydro cultures
- Drainages
- Thermal insulation

AVAILABLE TYPES	GRAIN SIZE	APPARENT DENSITY	APPARENT DENSITY
		Material out of the humidity of the quarry	Dry material
GRAIN	0 - 3 mm	820 - 880 Kg/m ³	500 - 600 Kg/m ³
GRIT	1 - 3 mm	700 - 760 Kg/m ³	350 - 430 Kg/m ³
GRIT	2 - 4 mm	660 - 740 Kg/m ³	350 - 430 Kg/m ³
GRIT	3 - 6 mm	660 - 740 Kg/m ³	350 - 430 Kg/m ³
GRIT	3 - 7 mm	660 - 740 Kg/m ³	350 - 430 Kg/m ³
GRIT	6 - 14 mm	550 - 670 Kg/m ³	350 - 430 Kg/m ³
GRIT	7 - 14 mm	550 - 670 Kg/m ³	350 - 430 Kg/m ³
GRIT	12 - 25 mm	480 - 550 Kg/m ³	350 - 420 Kg/m ³

AVAILABLE UNPACKED, IN BAGS (BIG-BAGS) 1,8MC AND 1,5MC SIZE, IN 50LT BAGS PACKED ON PALLETS (36 bags on each pallet) AND IN 33LT BAGS PACKED ON PALLETS (50 bags on each pallet).

This mineral is a natural raw material. All data indicated above are therefore approximate and do not provide any warranty.