

PUMICE is natural soil conditioner comminuted and dried and granulated porous igneous rock.
PUMICE make it possible that soil has air permeability, water retaining and drainage and keep manure.

■ PUMICE's character

- Water holding property
- Heat-retaining property
- Keeping manure
- Drainage effect
- Air permeability
- Prevention of caking
- Microbial immobilization
- Neutral-lighter weight materials

■ PUMICE's physicality and composition

PUMICE is composed chemically stable glassy mineral. The base is aluminosilicate.

pH	6.5
Micropore diameter	3mm ~ 1 μ
True specific gravity	2.40g/cc
Bulk specific gravity	0.70g/cc
Filling density	0.4 ~ 0.6g/cc
porosity	70.5%

SiO ₂	71.0
Al ₂ O ₃	11.4
Fe ₂ O ₃	1.8
CaO	1.4
MgO	0.4
Na ₂ O	3.5
K ₂ O	4.9
Ig-Loss	3.5



fine pores

■ PUMICE's production process

Raw stone → Comminution → Classification → Refinement → Drying → Packaging → Shipping

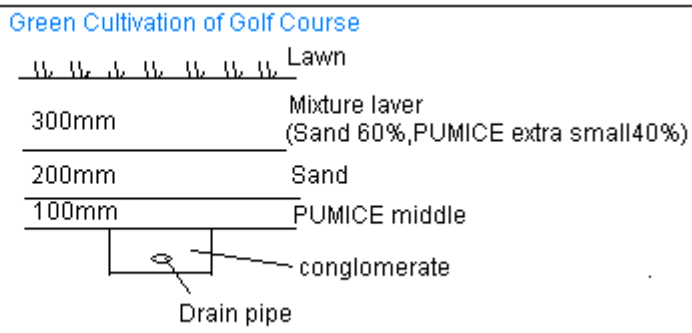
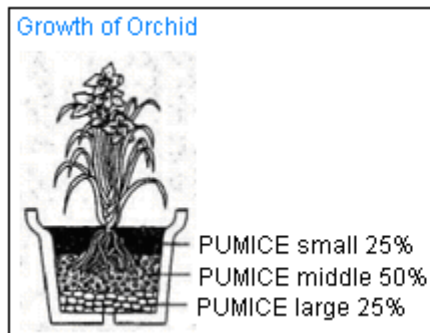
■ PUMICE's Classification

Product name	Class	Grain size (mm)	Inside volume		
			2L	20L	1m3
PUMICE	Large	11.0 ~ 20.0	○	○	○
	Middle	6.0 ~ 11.0	○	○	○
	Small	3.0 ~ 6.0	○	○	○
	ExtraSmall	2.4 ~ 5.0	—	○	○
	Fine	0.5 ~ 2.4	—	○	○
GS PUMICE		0.5 ~ 1.5	—	○	○



■ PUMICE's application

- Kitchen garden :Flower pot
- Golf course :Green cultivation



Quality Maintaining

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