



TECHNICAL DATA SHEET (TDS)

Pumice Stone

Product Name: Pumice Stone

Origin: Natural Volcanic Mineral

Supplier: Basekim Company

Product Description

Pumice is a lightweight, porous volcanic rock formed during volcanic eruptions. Its low density, absorbency and mild abrasive properties make it suitable for multiple industrial applications.

Typical Properties

Property	Typical Value
Appearance	White / grey volcanic stone
Form	Stone, granule, powder
Colour	White to grey
Odour	Odourless
Density	Grade dependent
Porosity	High
Water Absorption	High
Hardness	Approximately Mohs 5–7
Solubility	Insoluble

Main Features

- Lightweight natural mineral
- High porosity
- Good absorption capacity
- Mild abrasive action
- Non-toxic and environmentally friendly
- Chemically stable
- Available in multiple particle sizes



Applications

Construction

- Lightweight concrete
- Cement additives
- Plaster materials
- Insulation products
- Landscaping materials

Water Treatment

- Filtration media
- Wastewater treatment applications

Agriculture

- Soil conditioner
- Improved aeration
- Moisture retention
- Hydroponic growing media

Industrial Uses

- Polishing and cleaning abrasives
- Paint and coating additives
- Rubber and plastic fillers

Cosmetics

- Natural exfoliating products
- Personal-care abrasives

Available Forms

- Raw pumice stone
- Crushed pumice
- Pumice powder
- Customized granules



Packaging

Available options:

- 25 kg bags
- Jumbo bags (1000–1250 kg)
- Customized packaging

Storage

- Store in a dry area.
- Protect from contamination.
- Keep packaging closed.
- Avoid excessive moisture exposure.

Shelf Life

Pumice is a natural mineral with an indefinite shelf life when stored properly.