

Pyrophyllite

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Pyrophyllite is a soft, compact, waxy mineral consisting mainly of pyrophyllite, and having a greenish, yellowish, or grayish color.

It is produced from aggregations ~ veins in neutral - silicate type volcanic rock.

We have been working the Nohwa Island mine in Korea since the start of operations, and importing the minerals by ship.

Product List (representative values)

Product name		For refractories	For refractories B	For tile	For cement
Chemical composition (%)	Ig.loss	4.30	3.78	3.84	3.11
	SiO ₂	74.60	76.62	77.69	85.03
	Al ₂ O ₃	19.58	18.36	17.42	10.19
	Fe ₂ O ₃	0.24	0.26	0.17	0.13
	MgO	0.02	0.03	Tr	0.01
	CaO	0.07	0.06	0.07	0.04
	K ₂ O	0.23	0.16	0.09	0.33
	Na ₂ O	0.21	0.12	0.08	0.34
	TiO ₂	0.75	0.61	0.64	0.82
Mineral name		Pyrophyllite / Quartz			
Chemical formula		Pyrophyllite : Al ₂ Si ₄ O ₁₀ (OH) ₂ / Quartz : SiO ₂			
Size		Raw ore: M/S (250 to 70 mm) Raw ore: S/S (70 to 30 mm) We also handle various pulverized products (coarse to very-finepowders).			

Region of origin

【Nohwa Island, Korea】



Applications

Used mainly for tile, construction materials, carrier material for agrochemicals, etc.

Delivery formats

<Raw stone> : Bulk
<Pulverized products> : 25 kg paper bags
1,000 kg flexible containers