

OLIVINE GREEN LIGHTNING



Green Lightning Olivine is a magnesium iron silicate. It is the industrial mineral with the highest magnesium content. Olivine is produced from "Dunite rock", has a sandy structure and does not contain free silica.

APPLICATIONS

- Abrasive blast cleaning
- Foundry sand
- Refractory
- Abrasive in water jet cutting industry
- Welding electrodes
- Facade cleaning

Typical physical properties

Hardness	approx. 6 mohs
Grain shape	sub-angular to angular
Colour	grey / green
Specific gravity	approx. 3,3 kg/dm ³
Bulk density (depending on granular size)	approx. 1,7 kg/dm ³

Typical chemical analysis

MgO	49,00 - 50,00 %
SiO ₂ (in bound form, <1% free silica)	41,50 - 42,50 %
Fe ₂ O ₃	6,80 - 7,30 %
Al ₂ O ₃	0,40 - 0,50 %
CaO	0,05 - 0,10 %
Cr ₂ O ₃	0,20 - 0,30 %
MnO	0,05 - 0,10 %
NiO	0,30 - 0,35 %

Packaging

In paper bags of 25 kg on shrink foiled pallets of 1000 kg
In woven polipropyle big bags

Available sizes

	Average grain size (mm)
GL 70	0,20 - 1,20
GL 50	0,10 - 0,50
GL 40	0,063 - 0,25
GL 30	0,063 - 0,18

Other grain sizes can be produced if required

