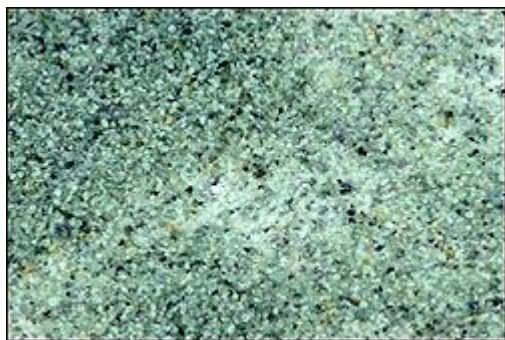


Olivine Green Lightning®



Technical Data

Description	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
Properties	Shape : sub-angular to angular Colour : pale green Hardness : ±6 Mohs Specific density : 3,3 kg/dm ³ Bulk density : 1,7 kg/dm ³
Chemical analysis (Indication only)	MgO : 48,80 - 49,70 % SiO ₂ : 41,50 - 41,90 % in bound form, <1% free silica Fe ₂ O ₃ : 7,30 - 7,60 % Al ₂ O ₃ : 0,40 - 0,50 % CaO : 0,05 - 0,10 % Cr ₂ O ₃ : 0,31 - 0,66 % MnO : 0,05 - 0,10 % NiO : 0,31 - 0,32 % Loss on Ignition (Loi) : < 1 %
Grain sizes	GL 100 : 0,50 - 2,00 mm GL 70 : 0,20 - 1,20 mm GL 50 : 0,10 - 0,50 mm GL 40 : 0,063 - 0,25 mm GL 30 : 0,063 - 0,18 mm
Packing	– In paper bags of 25 kg on shrink foiled pallets of 1000 kg – In woven polypropylene big bags.

Equipment, materials and abrasives used for surface preparation can be hazardous if used carelessly. Many national regulations exist for those materials and abrasives that are considered to be hazardous during or after use (waste management), such as free silica or carcinogenic or toxic substances. Those regulations are therefore to be observed. It is important to ensure that adequate instructions are given and that all required precautions are exercised.