

Technical Data Sheet - Olivine Sand Medium Grade

Chemical Analysis	
Elements	%
SiO ₂	36.81
Al ₂ O ₃	0.66
Fe ₂ O ₃	11.14
MgO	42.32
CaO	1.15

Sieve Analysis Report			
Micron	Mesh	Range %	Typical %
0.600	+30	19- 20 %	19.33
0.425	+40	20 - 30%	27.14
0.300	+50	15 - 25%	22.66
0.250	+60	15 - 25%	22.59
0.180	+80	02 - 10%	6.30
	PAN	<2%	1.98

Identifications	
Mineral	% by Weight
Color	Yellow to Yellowish green
Crystal System	Rectangular Prism with rectangle base
Tenacity	Brittle
Cleavage	Poor

Physical Analysis	
Test	Result
Conductivity	Nil
Chloride	Nil
Hardness	6.5 to 7 Moh Scale
Moisture	0.22%
Free Silica	Minimal
Specific Gravity	3.0 - 3.4 g/cc
Density	3.33 gm/cm ³

Sample taken and *sieve* analysis under Reference of ISO 11127-2 Chemical analysis have been determined by Wet analysis method

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As a natural product, garnet's composition is expected to vary periodically and between different deposits.

FORMAT NO:F-MMO-QC COA-06, Issue 02, Rev. 00, Date 25/09/2022