

Technical Data Sheet

-105 MICRON OLIVINE SAND

PHYSICAL PROPERTIES		CHEMICAL ANALYSIS		
Appearance	Grayish-green particles	Magnesium	MgO	46-49
Grain Shape	Angular	Silicate	SiO ₂	41-43
Melting Range	1750 °C	Iron	Fe ₂ O ₃	7- 9.5
Specific Gravity	3.2 gr/cm ³	Aluminium	Al ₂ O ₃	< 0.50
Bulk Density	1.9 gr/cm ³	Sodium	Na ₂ O	< 0.05
Solubility in Water	Negligible	Chromium	Cr ₂ O ₃	< 0.29
pH	8 - 8.5	Nickel	NiO	< 0.20
Hardness (MOH)	6.5 - 7			
Moisture	Less than 0.1 %	L.O.I.	Max	3.00

SIEVE ANALYSIS

Sieve No (mikron)	Weight (%)
0.850	0.00
0.600	0.00
0.425	0.00
0.300	0.00
0.212	0.00
0.150	0.00
0.106	0.57
0.075	27.19
0.053	19.60
PAN	52.64

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