



Galaxy Minerals Singapore Pte Ltd.,

MINERALOGICAL & SIEVE ANALYSIS REPORT

GALAXY GARNET- Mesh 12-24

TYPICAL MINERALOGICAL ANALYSIS :

Minerals	Guaranteed	Typical
Garnet	Min 98.00%	97.90 %
Mica, Limonite & Amphibole, only	Max 02.30 %	02.10 %

TYPICAL CHEMICAL ANALYSIS :

SiO ₂	35.44 %
Al ₂ O ₃	20.78 %
Fe ₂ O ₃	31.32 %
MgO	7.36 %
CaO	1.20 %
TiO ₂	1.04 %

SIEVE ANALYSIS (TYPICAL) :

MESH	MM	RETAINED %	
		GUARANTEED%	TYPICAL %
12	1.700	0.0	0.0
14	1.400	12-20	18.56
18	1.000	40-50	48.12
20	0.850	20-25	20.94
25	0.710	05-13	12.38

SPECIFIC GRAVITY : 4.0

BULK DENSITY : 2.38g/cm³

HARDNESS (Moh's) : 7.5

CHLORIDE : 15.32 ppm

Note: Variations in the size of grains occur from time to time although not guaranteed the grain distributions can be expected to be within the above ranges.

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