



Galaxy Minerals Singapore Pte Ltd.,

MINERALOGICAL & SIEVE ANALYSIS REPORT

GALAXY GARNET- Mesh 20-40

TYPICAL MINERALOGICAL ANALYSIS :

Minerals	Guaranteed	Typical
Garnet	Min 99.00%	99.70 %
Mica, Limonite & Amphibole, only	Max 01.00 %	00.30 %

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):

<u>M.M</u>	<u>ASTM</u>	<u>Standard %</u>	<u>Typical %</u>	<u>CUM %</u>
0.850	+20	0 ~ 5	0.10	0.10
0.600	+30	20 ~ 50	30.44	30.54
0.425	+40	40 ~ 70	64.52	95.06
0.300	+50	0 ~ 15	4.42	99.48
	PAN	0 ~ 5	0.52	100

SPECIFIC GRAVITY : 4.0

BULK DENSITY : 2.38g/cm³

HARDNESS (Moh's) : 7.5

CHLORIDE : 13.32 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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