



Galaxy Minerals Singapore Pte Ltd.,

MINERALOGICAL & SIEVE ANALYSIS REPORT

GALAXY GARNET- Mesh 30-60

TYPICAL MINERALOGICAL ANALYSIS :

Minerals	Guaranteed	Typical
Garnet	Min 98.00%	99.40%
Other heavy minerals MICA, Amphibole & Stauralite Only	Max 01.00%	00.60 %

TYPICAL CHEMICAL ANALYSIS :

SiO ₂	36.32 %
Al ₂ O ₃	21.12 %
Fe ₂ O ₃	30.78 %
MgO	7.20 %
CaO	1.18 %
TiO ₂	1.90 %

SIEVE ANALYSIS (Typical):

M.M	ASTM	Guaranteed %	Typical %	CUM %
0.600	+30	0 ~ 2	0.42	0.42
0.425	+40	10 ~ 40	21.78	22.20
0.300	+50	40 ~ 70	62.58	84.78
0.250	+60	5 ~ 20	9.78	94.56
0.180	+80	0 ~ 15	5.44	100

SPECIFIC GRAVITY : 4.0

BULK DENSITY : 2.38g/cm³

HARDNESS (Moh's) : 7.5

CHLORIDE : 15.10 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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