

MINERALOGICAL & SIEVE ANALYSIS REPORT

GLR 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) :

<u>M.M</u>	<u>ASTM</u>	<u>Guaranteed %</u>	<u>Typical %</u>	<u>CUM %</u>
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 : 19.20 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