

MINERALOGICAL & SIEVE ANALYSIS REPORT

GLR GARNET- Mesh 80

TYPICAL MINERALOGICAL ANALYSIS :

Minerals	Guaranteed	Typical
Garnet	Min 93.00 %	93.60 %
Quartz & Ilmenite	Max 0.70 %	0.70 %
Others - Proxy, Mica	Max 05.00 %	05.70 %

TYPICAL CHEMICAL ANALYSIS :

SiO ₂	36.10 %
Al ₂ O ₃	21.10 %
Fe ₂ O ₃	30.78 %
MgO	7.20 %
CaO	1.40 %
TiO ₂	2.94 %

SIEVE ANALYSIS (TYPICAL) :

M.M	ASTM	Guaranteed %	Actual %
0.425	+40	0 ~ 5	0.06
0.300	+50	0 ~ 35	20.14
0.250	+60	10 ~ 40	28.44
0.180	+80	20 ~ 60	40.26
0.150	+100	0 ~ 20	7.14
PAN		0 ~ 10	3.96

SPECIFIC GRAVITY : 3.98
BULK DENSITY : 2.38g/cm³
HARDNESS (Moh's) : 7
CHLORIDE : 23.00 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