

SPECIFICATIONS

GARNET - Mesh 50/60

TYPICAL MINERALOGICAL ANALYSIS:

Minerals	Guaranteed	Typical
Garnet	Min 97.50 %	98.70 %
Ilmenite	Max 01.50 %	01.00 %
Others	Max 01.00 %	00.30 %

TYPICAL CHEMICAL ANALYSIS:

SiO ₂	36.22 %
Al ₂ O ₃	21.00 %
Fe ₂ O ₃	30.76 %
MgO	7.12 %
CaO	1.32 %
TiO ₂	2.62 %

SIEVE ANALYSIS (Typical):

M.M	ASTM	Guaranteed %	Actual %
0.425	+40	0 ~ 1	0.40
0.300	+50	20 ~ 40	30.12
0.250	+60	30 ~ 50	38.80
0.180	+80	10 ~ 30	22.08
0.150	+100	0 ~ 10	6.40
PAN		0 ~ 3	2.20

SPECIFIC GRAVITY : 3.99

BULK DENSITY : 2.32 g/cm³

HARDNESS (Moh's) : 7

CHLORIDE : 18.26 ppm

TOXIC SUBSTANCES : None

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.

SPECIFICATIONS

GARNET - Mesh 80

TYPICAL MINERALOGICAL ANALYSIS:

Minerals	Guaranteed	Typical
Garnet	Min 97.00 %	98.30 %
Ilmenite	Max 02.00 %	01.20 %
Others	Max 01.00 %	00.50 %

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 : 2.30 g/cm³

HARDNESS (Moh's) : 7

CHLORIDE : 19.78 ppm

TOXIC SUBSTANCES : None

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.

SPECIFICATIONS

GARNET - Mesh 120

TYPICAL MINERALOGICAL ANALYSIS:

Minerals	Guaranteed	Typical
Garnet	Min 95.00 %	97.00 %
Ilmenite	Max 03.00 %	02.30 %
Others	Max 02.00 %	00.70 %

TYPICAL CHEMICAL ANALYSIS:

SiO ₂	33.94 %
Al ₂ O ₃	21.44 %
Fe ₂ O ₃	31.18 %
MgO	7.26 %
CaO	1.52 %
TiO ₂	3.77 %

SIEVE ANALYSIS (Typical):

M.M	ASTM	Guaranteed %	Actual %
0.250	+60	0.0	0.0
0.180	+80	0 ~ 50	25.26
0.150	+100	> 40	69.10
PAN		0 ~ 10	5.64

SPECIFIC GRAVITY : 4.1

BULK DENSITY : 2.30 g/cm³

HARDNESS (Moh's) : 7

CHLORIDE : 22.72 ppm

TOXIC SUBSTANCES : None

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.