

SPECIFICATIONS

GARNET - Mesh 20/40

TYPICAL MINERALOGICAL ANALYSIS:

Minerals	Guaranteed	Typical
Garnet	Min 98.50 %	99.10 %
Ilmenite	Max 01.00 %	00.70 %
Others	Max 00.50 %	00.20 %

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):

M.M	ASTM	Standard %	Typical %	CUM %
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 : 2.38 g/cm³

HARDNESS (Moh's) : 7.5

CHLORIDE : 13.32 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 30/60

TYPICAL MINERALOGICAL ANALYSIS:

Minerals	Guaranteed	Typical
Garnet	Min 98.00 %	98.90 %
Ilmenite	Max 01.00 %	00.90 %
Others	Max 01.00 %	00.20 %

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 : 2.38 g/cm³

HARDNESS (Moh's) : 7

CHLORIDE : 15.10 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.