



GARNET GRADE 8-12

EVERBLAST SYSTEMS SDN BHD

PARTICLE SIZE ANALYSIS REPORT

Mesh	MM	Retained %	
		Guaranteed	Typical
8	2.380	05 ~ 15	8.20
10	2.000	20 ~ 30	24.80
12	1.680	35 ~ 50	45.40
16	1.190	10 ~ 20	18.30
18	1.000	2 ~ 5	3.30

MINERALOGICAL REPORT

Minerals	Guaranteed	Typical
Garnet	Min 98.00 %	98.80 %
Ilmenite	Max 00.50 %	00.15 %
Others	Max 01.50 %	01.05 %

PHYSICAL PARAMETERS

Parameters	Guaranteed	TYPICAL
Conductivity	Max 29.0 mS/m	21.70 mS/m
Chloride	Max 25 ppm	22.03 ppm
Specific gravity	4.1 ~ 4.4	4.11
Bulk density	2.3 ~ 2.7 g/cm ³	2.50 g/cm ³
Hardness	Min 7 moh scale	7.5 moh scale
Suspended Solid	Max 3000 mg/l	1220 mg/l
Moisture	Max 0.25 %	0.22 %
Toxic substances	None	None

CHEMICAL CONTENT

Elements	Guaranteed	TYPICAL
SiO ₂	35.0 ~ 38.0 %	36.28 %
Al ₂ O ₃	19.0 ~ 22.0 %	20.32 %
Fe ₂ O ₃	32.0 ~ 35.0 %	30.18 %
MgO	6.0 ~ 8.0 %	7.20 %
CaO	1.0 ~ 2.0 %	1.33 %
TiO ₂	0.1 ~ 0.40 %	0.97 %

*Garnet being a natural product, its analysis is expected to vary periodically and between deposits

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