

Garuda - #85 Garnet Specification

Revision Date: 18.04.2023

Particle Size Analysis Report

Mesh	MM	Retained %	
		Guaranteed %	Actual %
40	0.425	Nil	Nil
50	0.300	0 ~ 1	00.20
60	0.250	0 ~ 5	01.54
80	0.180	40 ~ 60	48.12
100	0.150	20 ~ 40	28.92
120	0.125	10 ~ 20	12.76
140	0.106	0 ~ 10	03.96
170	0.090	0 ~ 5	02.50
200	0.075	0 ~ 3	02.00

Mineralogical Report

Minerals	Guaranteed %	Actual %
Garnet	Min 97.50 %	98.00 %
Ilmenite	Max - 01.50 %	01.20 %
Others	Max - 01.00 %	00.80 %

Physical Analysis Report

Parameter	Guaranteed	Actual
Specific Gravity	4.0 ~ 4.3	4.1
Bulk Density	2.0 ~ 2.6 g/cm ³	2.45 g/cm ³
Conductivity	Max 15 mS/m	13 mS/m
Chloride	Max 25 ppm	22.50 ppm

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