

Technical data Sheet for Garnet

Specific Weight	4.1
Average bulk density	2.4g/cm ³
Hardness	7.5(mohs scale)
Grains Size	1.700mm~0.125 mm

Crystal System	Cubic
Habit	Dodecahedron with Trapezohedron Occasional
Fracture	Sub-Conchoidal
Total Suspended solid	Max 1500mg/l
Free flow	Min 97%
Susceptibility to acid	None
Moisture absorption	Non-Hygroscopic inert
Conductivity	15mS/m
Radioactivity	Not detectable above background
Pathological effects	None
Free Silica content	Nil

Garnet (Almandine)	Min 98.50%
Ilmenite	Max 1.50%
Free Silica	Nil

GARNET PRO ABRASIVES PTY LTD

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Alumina(asAl ₂ O ₃)	21.0%
Iron(asFe ₂ O ₃)	31.0%
Silica(asSiO ₂)	35.0%
Magnesium(asMgO)	8.0%
Calcium(asCaO)	1.5%
Titaniumas(TiO ₂)	1.0%
Phosphorusas(P ₂ O ₅)	0.05%
Lead(asPb)	0.01%
Manganese(asMnO)	0.5%
Zircon(asZrO ₂)	Traces
ChlorideContent	Lessthan25 ppm
Ph ofaqueousmedium	6.93
Gypsumcontent	Nil
Moisturecontent	Lessthan0.50%
CarbonateContent	Traces
Sulphate	Lessthan20 ppm
Lossonignition	Nil
Metalcontent(Specificallyfreeiron,free copper and other heavy metals)	Traces

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