

UMS Coarse Filtration Garnet (1.4mm – 2.36mm)

Description:

- **Size Range:** 1.4mm - 2.36mm
- **Source:** China
- **Specific Gravity (Water @ 20°C):** 3.9
- **Bulk Density:** 2040kg/m³
- **UC:** 1.23
- **Hardness:** 7-8 Mohs
- **Grain Shape:** Angular
- **Attrition loss after 100 hrs backwash:** 1% maximum
- **Solubility in 20% HCl at 20°C:** 2% maximum
- **Mineralogy:** A natural almandine garnet of chemical formula Fe₃Al₂(SiO₄)₃
- **Garnet produced to the requirements of BS EN 12910:2005**

Sieve Size (mm)	Specification (% passing)
2.36	95.0
2.00	52.50
1.70	11.30
1.40	2.40
0.85	0.0

Application:

- Multimedia filter systems employed as support layer for Fine Filtration Garnet.

Chemical analysis		%
Silica	SiO ₂	38.0
Alumina	Al ₂ O ₃	22
Iron (II) Oxide	FeO	29
Magnesium	MgO	6.0
Calcium	CaO	1.5
Free Silica		<0.5

Above figures only relate to one specific test

Available in:

- 25kg poly bags

Above data is typical and without warranty and is intended as guide only