

## UMS Fine Filtration Garnet (300 – 600 micron)

### Description:

- **Size Range:** 0.300mm – 0.600mm
- **Source:** China
- **Specific Gravity (Water @ 20°C):** 4.1
- **Bulk Density:** 2300kg/m<sup>3</sup>
- **UC:** 1.43
- **Hardness:** 7-8 Mohs
- **Grain Shape:** Sub 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 Fe<sub>3</sub>Al<sub>2</sub>(SiO<sub>4</sub>)<sub>3</sub>
- **Garnet produced to the requirements of BS EN 12910:2005**

### Application:

- Multimedia filter systems for fine filtration

### Available in:

- 25kg poly bags

Sieve Size (mm)	Specification (% passing)
0.6	96.8
0.5	53.4
0.425	21.2
0.355	9.0
0.3	0.4

Chemical analysis		%
Silica	SiO <sub>2</sub>	36
Alumina	Al <sub>2</sub> O <sub>3</sub>	20
Iron (II) Oxide	FeO	20
Iron	Fe <sub>2</sub> O <sub>3</sub>	9
Magnesium	MgO	5
Titania	TiO <sub>2</sub>	1.5
Calcium	CaO	7
Free Silica		<0.5

Above figures only relate to one specific test

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