

## UMS Anthracite Grade 1 (0.6mm – 1.18mm)

### Description:

- **Size Range:** 0.6mm – 1.18mm
- **Source:** UK
- **Specific Gravity (Water @ 20°C):** 1.4
- **Bulk Density:** 680-730kg/m<sup>3</sup>
- **Hardness:** 3 Mohs
- **Grain Shape:** Angular
- **Attrition loss after 100 hrs backwash:** 2% maximum
- **Grindability index:** 50 – 70 Hardgrove
- **Unconsolidated Porosity:** 0.45
- **Anthracite to the requirements of BS EN 12909:2012**

Sieve Size (mm)	Specification (% passing)
1.4	100
1.18	96.1
1.00	74.5
0.85	43.2
0.80	35
0.71	19.6
0.60	3.4
0.50	0.8

### Application:

- Dual or multimedia for potable water

### Available in:

- Bulk bags (tote)
- 25kg poly bags

Chemical analysis	%
Carbon content	>90
Ash content	<7%
Volatile content	<8%
Acid Solubility	2%
20% HCl at 20°C 24hrs	maximum
Alkali Solubility	2%
20% NaOH at 20°C 24hrs	maximum

Above figures only relate to one specific test