



Silica Quartz Sand and Gravel

Introduction:

Panther® Silica Sand and Gravel filter media is naturally selected hard clean quartz mine. First step is the crushing of natural mine; the second step is the sieving of crushed material and the third step is washing the sand.

It is an excellent filtration medium for gravity and pressure filters, for treatment of hard and soft water, sewage, oil and acid/alkali liquids.





The advantages of using Panther Quartz Sand are expressed as follows:

- Faster Filtration Speed is possible
- Longer filter runs
- Low loss of head
- Economic use of space
- Easy to handle
- Savings in wash water
- Substantial capital savings
- Long life
- Available in several sizes

Typical Specification:

Appearance:	Whitish
Specific gravity:	> 2.55 g/cm ³
Bulk Density:	1.7 – 1.8 g/cm ³
Acid Solubility:	<1.5 %
Moisture:	2 – 4 % max
Silica dioxide SiO ₂ :	>99 %
Aluminium dioxide Al ₂ O ₃ :	>1 %
Mud content:	<1 %
Hardness:	7 to 8 Moh
Combustible Content:	< 0.3 %

Particles Size:

16-36 mesh grade: < 5% for size < 0.5mm; >90% for size 0.5-1.2mm; < 5% for size > 1.2mm
8-14 mesh grade: < 5% for size < 1.5mm; >90% for size 1.5-2.5mm; < 5% for size > 2.5mm
4-6 mesh grade: < 5% for size < 3mm; >90% for size 3-5 mm; <5% for size > 5mm
Other sizes upon request

Packing:

In 20 kg bags; 50kg/bag; 500 kg jumbo bags or as per special requirement.