



GLASS MEDIA

Ion-Asia Purisep Glass Media are manufactured from 100% pure glass and offer much finer filtration than conventional filter media.

SUPERIOR PURITY

Whereas other filter media may contain a variety of contaminants, Ion-Asia Purisep Glass Media are chemically inert for superior purity. In fact, Glass Media have been independently lab tested for leaching contaminants and found to be well within Drinking Water Guidelines. Their superior purity greatly reduces its initial backwashing requirements, prior to commissioning a filter, enabling a rapid start-up of media filters.

SUPERIOR DEPTH FILTRATION

Glass Media operate on the basis of “depth filtration”; dirt is driven through the filter bed and trapped in minute spaces between the particles of filter media allowing the cleansed water to pass through. conventional media such as sand is crushed and sieved; they generally have an irregular structure and a larger variation in particle size. a conventional media filter bed is more porous and unable to trap fine particles.

COMPOSITION:

Formula	Specification	Unit
SiO ₂	≥72.00	%
Fe ₂ O ₃	≤0.05	%
Al ₂ O ₃	≤0.08	%
Na ₂ O	≤15.00	%
K ₂ O	≤0.03	%
CaO	≤9.50	%
MgO	≤6.00	%



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PHYSICAL PROPERTIES

Appearance: Solid glass

Odor: N/A

Viscosity: N/A

Softening Temperature: 6000C -7000C

Melting Point: 14000C

Boiling Point: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Specific Gravity: 1.19

PH: N/A

Solubility in water: Negligible

Volatility: Negligible (Weight%)

Evaporation Rate: Negligible