



AWI PYROLUCITE CATALYTIC FILTER MEDIA

AWI Pyrolucite Catalytic filter media has been used for many decades in Europe where it is the preferred filter media when dealing with waters containing soluble iron & manganese.

Many well water supplies contain iron and/or manganese. Iron and manganese in a water supply can impart an astringent, metallic taste to the water; stain fixtures and laundry and encourage growth of iron bacteria in water lines. Generally, it is necessary to remove iron and manganese (Fe/Mn) to low levels. (iron to less than 0.3 mg/L, manganese to less than 0.05mg/L)

AWI Pyrolucite Catalytic filter media consists of solid granules of pyrolucite dispersed in a matrix of crushed quartz sand. The ratio of the pyrolucite and angular sand blend is dependent on the treatability of the source water. Other products used in Fe/Mn removal rely on a synthetic coating of MnO₂ on a base particulate, making them prone to coating loss through backwash attrition.

Iron and manganese removal, particularly manganese removal, is very site-specific and a pilot filtration test is strongly recommended to confirm suitability.

Bulk Density	100 pounds per cubic foot
Specific Gravity	3
Sieve range	20 - 40
Moh Hardness	2.5 - 3
Appearance	Black, granular

AWI Pyrolucite Catalytic filter media is site and equipment specific; call (403) 255-7377 for more information.

Packaging: 1 cubic foot bags on pallets stretch wrapped, or 40 to 45 cubic feet semi-bulk bags on pallets.

AWI offers technical advice on filter media selection, filter media testing, custom filter media installation and supervision.