

MANGANESE DIOXIDE GRANULES
IRON, HYDROGEN SULPHIDE, MANGANESE REMOVAL
IRON TREAT

Product Description

Iron Treat is used for removing iron, hydrogen sulphide, and manganese from water supplies. It is media that utilizes an oxidation-reduction reaction and filtration process similar to Greensand, but at a much higher level of performance. Iron Treat contains 80% oxidant in an extremely unique cluster format for enhanced performance and maximized capacity. Iron Treat outperforms Greensand, Birm, etc. due to purity of its particles, superior oxidation/ filtration capacity, and durability.

General Instructions

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|---------------------------------|---|
| Active Ingredients | 75% Oxidant |
| Service Flow | 6 gpm/cu.ft |
| Freeboard | 30 % - 50 % |
| Backwash Rate | 12-15 gpm/sq.ft @ 60°F |
| Bed Depth | 20 inch minimum |
| pH Range | 6.5 - 8.0 |
| Removal Capacity (@ Exhaustion) | |
| Iron | 27 ppm |
| Hydrogen Sulphide | 17 ppm |
| Manganese | 11 ppm |
| Odour & Taste | None |
| Life Expectancy | Essential unlimited for low contaminant concentration |

Physical Characteristics

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|------------------|--------------------------------|
| Hardness | 4 – 5 Moh |
| Color | Black |
| Physical Form | Granular |
| Screen Size | 8 x 16 |
| Bulk Density | 114 lbs/cu.ft |
| Specific Gravity | 3.5 – 4.0 |
| Standard Package | 1/2 cu.ft bags (25 kg per bag) |

Chemical Analysis

| | |
|----------|-----|
| MnO2 | 75% |
| Fe2O3 | <5% |
| SiO2 | <5% |
| Moisture | <1% |



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