

## ATOMET 167

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A high purity iron powder for welding and chemical applications.

Typical Physical Properties

Apparent density  
Flow rate (Hall)

2.95 g/cm<sup>3</sup>  
27 s/50g

Typical Screen Analysis

U.S. Standard Sieves

Microns

Wt. %

|                  |      |       |
|------------------|------|-------|
| + 60 Mesh        | >250 | Trace |
| - 60 + 100 Mesh  | 150  | 10    |
| - 100 + 200 Mesh | 75   | 38    |
| - 200 + 325 Mesh | 45   | 26    |
| - 325 Mesh       | <45  | 26    |

Typical Chemical Analysis

|            |         |
|------------|---------|
| Iron       | >99.0 % |
| Carbon     | 0.005 % |
| Oxygen     | 0.10 %  |
| Sulphur    | 0.007 % |
| Phosphorus | 0.01 %  |
| Manganese  | 0.20 %  |
| Silicon    | 0.005 % |
| Vanadium   | 0.006 % |

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