

ATOMET 68 is coarse, high-density iron powder for welding electrodes and metal alloying, low in sulphur and phosphorus.

TYPICAL PHYSICAL PROPERTIES

Apparent density 3.28 g/cm³
Flow rate (Hall) 27 seconds/50g

TYPICAL SCREEN AND CHEMICAL ANALYSES

Typical Screen analysis

| <u>U.S. Standard Sieves</u> | <u>Microns</u> | <u>Wt. %</u> |
|-----------------------------|----------------|--------------|
| + 30 mesh | > 600 | Trace |
| -30 + 50 mesh | 300 | 24 |
| - 50 + 100 mesh | 150 | 33 |
| - 100 + 200 mesh | 75 | 23 |
| - 200 mesh | < 75 | 20 |

Chemical analysis (wt %)

| | |
|------------|--------|
| Iron | > 99% |
| Carbon | 0.030% |
| Oxygen | 0.200% |
| Sulphur | 0.008% |
| Phosphorus | 0.009% |
| Manganese | 0.008% |
| Silicon | 0.030% |
| Vanadium | 0.050% |
| Copper | 0.020% |
| Titanium | 0.040% |

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