



Technical Data Sheet

PM-100.29A1

| Chemical Analysis | | | |
|--------------------------|-------------------|---------------|---------------|
| Test Name | Unit | Typical value | Specification |
| C (Carbon) | wt% | 0.004 | ≤0.01 |
| Si (Silicon) | wt% | 0.02 | ≤0.05 |
| Mn (Manganese) | wt% | 0.08 | ≤0.15 |
| P (Phosphorus) | wt% | 0.015 | ≤0.02 |
| S (Sulfur) | wt% | 0.005 | ≤0.015 |
| Mo (Molybdenum) | wt% | 0.47 | 0.40-0.60 |
| Ni (Nickel) | wt% | 1.81 | 1.70-2.00 |
| HL(Hydrogen loss) | wt% | 0.1 | ≤0.15 |
| Physical Analysis | | | |
| Test Name | Unit | Typical value | Specification |
| Apparent Density (Hall) | g/cm ³ | 3.01 | 2.9-3.15 |
| Flow (Hall) | s/50 g | 26.00 | ≤28 |
| Green Density @ 600 MPa | g/cm ³ | 7.04 | ≥6.9 |
| Sieve Analysis | | | |
| Test Name | Unit | Typical value | Specification |
| +180um | wt% | 0 | ≤1 |
| 150-180um | wt% | 2 | ≤10 |
| 106-150um | wt% | 18 | bal. |
| 75-106um | wt% | 28 | bal. |
| 45-75um | wt% | 27 | bal. |
| -45um | wt% | 26 | 10-30 |