



## Technical Data Sheet

**PM-100.29D4**

### Chemical Analysis

Test Name	Unit	Typical value	Specification
C (Carbon )	wt%	0.003	≤0.015
Si (Silicon)	wt%	0.03	≤0.05
Mn (Manganese )	wt%	0.07	≤0.15
P (Phosphorus)	wt%	0.011	≤0.015
S (Sulfur )	wt%	0.006	≤0.015
Mo (Molybdenum)	wt%	0.51	0.50-0.70
Ni (Nickel)	wt%	1.51	1.40-1.70
Cu (Copper)	wt%	1.85	1.80-2.20
HL (Hydrogen loss)	wt%	0.11	≤0.15

### Physical Analysis

Test Name	Unit	Typical value	Specification
Apparent Density (Hall)	g/cm <sup>3</sup>	3.03	3.00-3.30
Flow (Hall)	s/50 g	25.6	≤30
Green Density @ 600 MPa	g/cm <sup>3</sup>	7.18	≥7.00

### Sieve Analysis

Test Name	Unit	Typical value	Specification
180-200um	wt%	0	≤1
150-180um	wt%	3	≤10
106-150um	wt%	18	bal.
75-106um	wt%	24	bal.
45-75um	wt%	28	bal.
-45um	wt%	27	15-30