



Technical Data Sheet

PM-100.29D1

Chemical Analysis

Test Name	Unit	Typical value	Specification
C (Carbon)	wt%	0.001	≤0.01
Si (Silicon)	wt%	0.03	≤0.05
Mn (Manganese)	wt%	0.08	≤0.15
P (Phosphorus)	wt%	0.014	≤0.015
S (Sulfur)	wt%	0.006	≤0.015
Mo (Molybdenum)	wt%	0.52	0.50-0.70
Ni (Nickel)	wt%	1.73	1.70-2.10
Cu (Copper)	wt%	1.58	1.30-1.70
HL (Hydrogen loss)	wt%	0.1	≤0.15

Physical Analysis

Test Name	Unit	Typical value	Specification
Apparent Density (Hall)	g/cm ³	3.05	3.00-3.30
Flow (Hall)	s/50 g	25.8	≤28
Green Density @ 600 MPa	g/cm ³	7.16	≥7.08

Sieve Analysis

Test Name	Unit	Typical value	Specification
180-200um	wt%	0	≤1
150-180um	wt%	2	≤10
106-150um	wt%	20	bal.
75-106um	wt%	29	bal.
45-75um	wt%	27	bal.
-45um	wt%	22	10-30