



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