



Technical Data Sheet

PM-100.29A2

Chemical Analysis

Test Name	Unit	Typical value	Specification
C (Carbon)	wt%	0.005	≤0.01
Si (Silicon)	wt%	0.03	≤0.05
Mn (Manganese)	wt%	0.26	0.20-0.50
P (Phosphorus)	wt%	0.015	≤0.02
S (Sulfur)	wt%	0.014	≤0.015
Cr(Chromium)	wt%	0.2	0.10-0.30
Ni (Nickel)	wt%	0.84	0.50-0.90
Mo (Molybdenum)	wt%	0.48	0.35-0.65
Co (Cobalt)	wt%	0.42	0.30-0.50
Cu(Copper)	wt%	0.43	≤0.50
HL(Hydrogen loss)	wt%	0.24	≤0.25

Physical Analysis

Test Name	Unit	Typical value	Specification
Apparent Density (Hall)	g/cm ³	3.11	2.9-3.15
Flow (Hall)	s/50 g	26.10	≤28
Green Density @ 600 MPa	g/cm ³	6.94	≥6.85

Sieve Analysis

Test Name	Unit	Typical value	Specification
+180um	wt%	0	≤1
150-180um	wt%	Trace	≤10
106-150um	wt%	18	bal.
75-106um	wt%	22	bal.
45-75um	wt%	31	bal.
-45um	wt%	30	10-30