



Technical Data Sheet

PM-100.29A3

Chemical Analysis			
Test Name	Unit	Typical value	Specification
C (Carbon)	wt%	0.005	≤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%	0.006	≤0.015
Mo (Molybdenum)	wt%	0.48	0.40-0.60
Ni (Nickel)	wt%	3.91	3.70-4.20
HL(Hydrogen loss)	wt%	0.11	≤0.25
Physical Analysis			
Test Name	Unit	Typical value	Specification
Apparent Density (Hall)	g/cm ³	2.99	2.9-3.15
Flow (Hall)	s/50 g	25.5	≤28
Green Density @ 600 MPa	g/cm ³	6.93	≥6.75
Sieve Analysis			
Test Name	Unit	Typical value	Specification
+180um	wt%	Trace	≤1
150-180um	wt%	4	≤10
106-150um	wt%	17	bal.
75-106um	wt%	29	bal.
45-75um	wt%	28	bal.
-45um	wt%	22	10-30