



Technical Data Sheet

PM-100.29D2

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%	0.09	≤0.15
P (Phosphorus)	wt%	0.014	≤0.015
S (Sulfur)	wt%	0.006	≤0.015
Mo (Molybdenum)	wt%	0.53	0.50-0.70
Ni (Nickel)	wt%	3.82	3.80-4.20
Cu (Copper)	wt%	1.36	1.30-1.90
HL (Hydrogen loss)	wt%	0.07	≤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	26	≤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%	3	≤10
106-150um	wt%	23	bal.
75-106um	wt%	28	bal.
45-75um	wt%	25	bal.
-45um	wt%	21	10-30