



Technical Data Sheet

PM-100.29D5

Chemical Analysis			
Test Name	Unit	Typical value	Specification
C (Carbon)	wt%	0.006	≤0.015
Si (Silicon)	wt%	0.03	≤0.05
Mn (Manganese)	wt%	0.08	≤0.15
P (Phosphorus)	wt%	0.011	≤0.015
S (Sulfur)	wt%	0.01	≤0.015
Mo (Molybdenum)	wt%	1.493	1.30-1.60
Ni (Nickel)	wt%	1.085	0.80-1.20
Cu (Copper)	wt%	1.145	0.80-1.20
HL (Hydrogen loss)	wt%	0.14	≤0.15
Physical Analysis			
Test Name	Unit	Typical value	Specification
Apparent Density (Hall)	g/cm ³	3.07	3.00-3.30
Flow (Hall)	s/50 g	26.1	≤30
Green Density @ 600 MPa	g/cm ³	7.1	≥7.00
Sieve Analysis			
Test Name	Unit	Typical value	Specification
180-200um	wt%	0	≤1
150-180um	wt%	4	≤10
106-150um	wt%	22	bal.
75-106um	wt%	26	bal.
45-75um	wt%	28	bal.
-45um	wt%	20	15-30