



Technical Data Sheet

NAS100

Chemical Analysis			
Test Name	Unit	Typical value	Specification
Fe (Iron)	wt%	98.03	≥97.50
C (Carbon)	wt%	0.270	0.150-0.350
S (Sulfur)	wt%	0.011	≤0.015
Na (Sodium)	wt%	0.0051	≤ 0.030
Ni (Nickel)	wt%	0.0017	≤ 0.005
Al (Aluminum)	wt%	0.0225	≤ 0.040
Cu (Copper)	wt%	0.0000	0.000
Mg (Magnesium)	wt%	0.0201	≤ 0.040
Cr (Chromium)	wt%	0.0087	≤ 0.020
Mn (Manganese)	wt%	0.0171	≤ 0.030
Ca (Calcium)	wt%	0.0313	≤ 0.070
Zn (Zinc)	wt%	0.0007	≤ 0.010
HL (Hydrogen loss)	wt%	1.230	≤1.55
Physical Analysis			
Test Name	Unit	Typical value	Specification
Apparent Density (Hall)	g/cm ³	2.93	2.55-2.95
Sieve Analysis			
Test Name	Unit	Typical value	Specification
75-100um	wt%	27.80	20-40
45-75um	wt%	28	bal.
-45um	wt%	44.10	≥30