



## Technical Data Sheet

**NAR100**

<b>Chemical Analysis</b>			
<b>Test Name</b>	<b>Unit</b>	<b>Typical value</b>	<b>Specification</b>
TFe (Iron)	wt%	97.050	≥96.00
MFe (Metallic Iron)	wt%	90.500	≥90.00
C (Carbon)	wt%	0.170	≤0.40
Si (Silicon)	wt%	0.190	≤0.20
Mn (Manganese)	wt%	0.410	≤0.50
P (Phosphorus)	wt%	0.022	≤0.030
S (Sulfur)	wt%	0.016	≤0.030
HL (Hydrogen loss)	wt%	1.610	≤2.00
<b>Sieve Analysis</b>			
<b>Test Name</b>	<b>Unit</b>	<b>Typical value</b>	<b>Specification</b>
Flow (Hall)	s/50 g	43.300	≤52
Apparent Density (Hall)	g/cm <sup>3</sup>	2.77	2.40-2.90
<b>Sieve Analysis</b>			
<b>Test Name</b>	<b>Unit</b>	<b>Typical value</b>	<b>Specification</b>
+180um	wt%	0.0	≤1.0
150-180um	wt%	2.5	≤5.0
105-150um	wt%	19.2	bal.
75-105um	wt%	25.6	bal.
53-75um	wt%	20.7	bal.
-53um	wt%	32.0	30-49