



Technical Data Sheet

PMR80.25

Chemical Analysis			
Test Name	Unit	Typical value	Specification
Fe (Iron)	wt%	/	≥98
C (Carbon)	wt%	0.04	≤0.10
Si (Silicon)	wt%	/	≤0.15
Mn (Manganese)	wt%	/	≤0.4
P (Phosphorus)	wt%	/	≤0.02
S (Sulfur)	wt%	0.005	≤0.03
HL (Hydrogen loss)	wt%	0.234	≤0.30
Physical Analysis			
Test Name	Unit	Typical value	Specification
Apparent Density (Hall)	g/cm ³	2.515	2.45-2.65
Flow (Hall)	s/50 g	29.700	≤35
Green Density @ 490 MPa	g/cm ³	6.443	≥6.2
Sieve Analysis			
Test Name	Unit	Typical value	Specification
+180um	wt%	0.325	≤3.0
+150um	wt%	18.050	bal.
+75um	wt%	55.075	bal.
+45um	wt%	13.725	bal.
-45um	wt%	12.825	5-25