



Technical Data Sheet

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FCR80.13

SEM Image				
Chemical Properties		Unit	Min	Max
	H2-Loss	%	0.40	1.40
	Acid insolubility	%		0.40
Physical Properties	Apparent density	g/cm ³	1.00	1.50
	Green density	g/cm ³	5.80	6.10
Particle size distribution	+80 mesh	%		3.0
	+100-80 mesh	%		12.0
	+140-100 mesh	%	12.5	27.5
	+200-140 mesh	%	19.0	34.0
	+325-140 mesh	%	22.5	37.5
	-325 mesh	%	11.0	31.0
Advantages & Benefits	<ul style="list-style-type: none"> • Hydrogen reduced sponge iron Powder • Low apparent density • High internal porosity • Large specific surface area • Reduces brake weight and material consumption • Optimizes braking surface performance, delivers outstanding wear resistance • Effectively suppresses operational noise 			