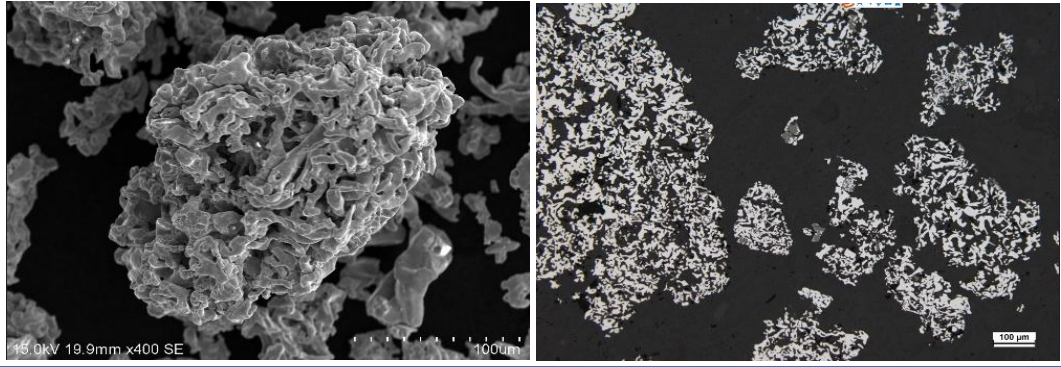


Technical Data Sheet

FCR20.12

SEM Image					
Chemical Properties		Unit	Typical value	Min	Max
	H2-Loss	%	0.9		2.50
	Acid insolubility	%	0.32		0.40
Physical Properties	Fe is Base	%			
	Apparent density	g/cm ³	1.35	1.00	1.50
Particle size distribution	Green density	g/cm ³			
	+20 mesh	%	0.1		2.0
	-20/+60 mesh	%	43.6	30.0	70.0
	-60/+100 mesh	%	24.5	15.0	40.0
	-100/+325 mesh	%	26.6	11.5	29.5
Advantages & Benefits	-325 mesh	%	5.2		12.0
	<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 				