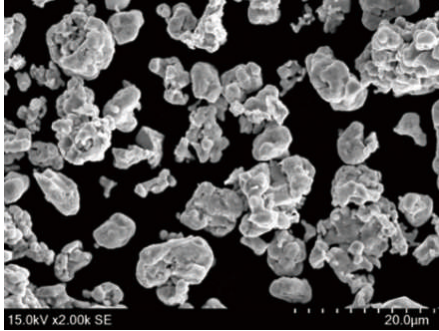


Grade  
**SFN-09A**

SEM-VIEW



- Formulated powder ( high iron based ) for wire saw, can be used for granite cutting.
- Good cutting performance and wear resistance.

Physical Properties

Particle Size Distribution (µ m)	D10	1.80-5.00
	D50	6.20-9.80
	D90	12.50-17.50
Apparent Density (g/cm <sup>3</sup> )	1.5-2.5	
Theoretical Density (g/cm <sup>3</sup> )	7.94	

Chemical Analysis

(%)

Fe	Main Component
Cu	13.5-14.5
Ni	2.3-2.6
P	0.8-1.2
Sn	1.6-2.4

Sintering Physical Properties

Sintering Temp (°C)	Density (%)	Hardness (HRB)	Bending Strength (MPa)
800	98.24	104.8	1445.0
850	97.78	105.5	1490.0
900	97.73	108.3	1288.3
950	96.73	109.8	1191.7

Sintered Shape

900°C

