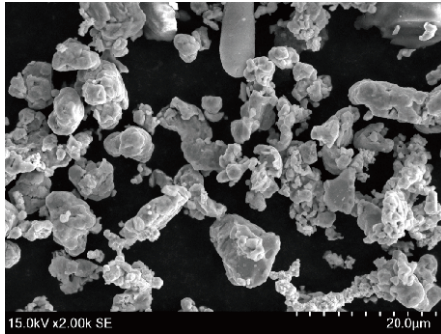


Grade
SFN-09B

SEM-VIEW

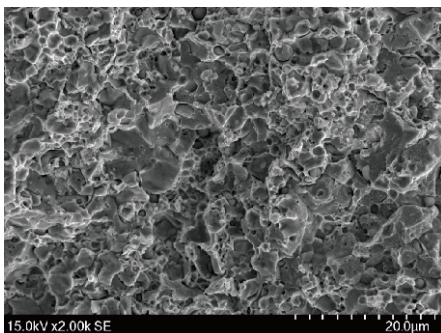


- Formula powder (high iron based) for wire saw, can be used for granite cutting.
- Good cutting performance and wear resistance.
- Contain small amounts of WC to improve grinding performance.

Physical Properties

	D10	1.80-5.10
Particle Size Distribution (µm)	D50	6.20-9.80
	D90	12.50-17.50
	<hr/>	
Apparent Density (g/cm ³)	1.5-2.5	
Theoretical Density (g/cm ³)	8.15	

Sintered Shape 900°C



Chemical Analysis

(%)

	Main Component
Fe	
Cu	13.5-14.5
Ni	2.3-2.6
P	0.8-1.2
WC	4.7-5.3
Sn	1.6-2.4

Sintering Physical Properties

Sintering Temp (°C)	Density (%)	Hardness (HRB)	Bending Strength (MPa)
800	98.16	106.8	1488.3
850	97.06	108.3	1381.7
900	97.67	111.4	1146.7
950	97.30	115.7	996.7

