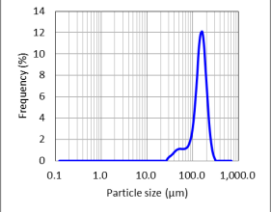
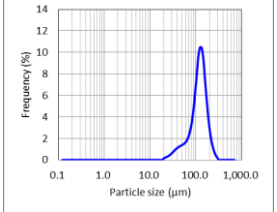
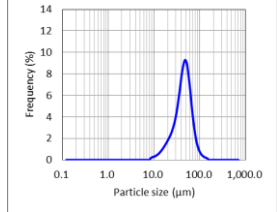
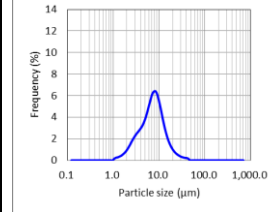
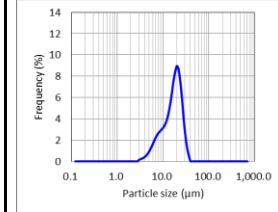
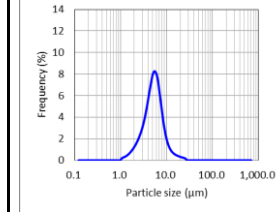
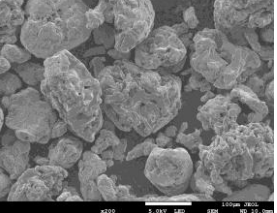
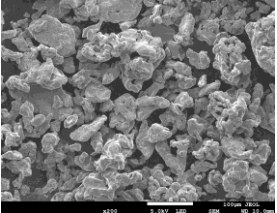
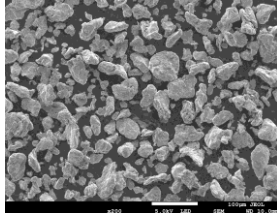
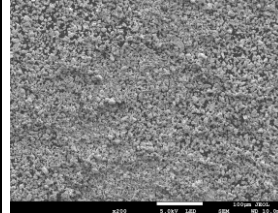
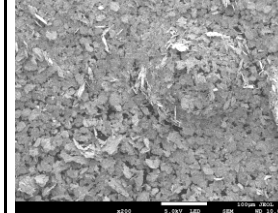
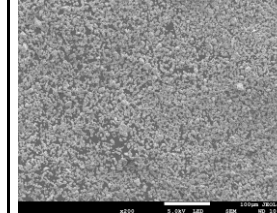
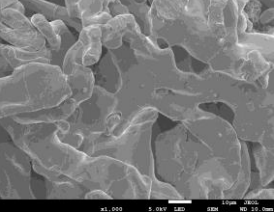
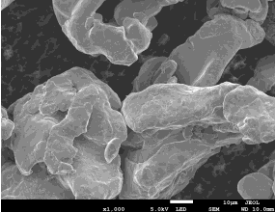
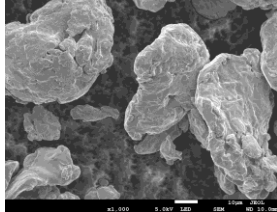
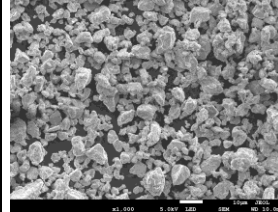
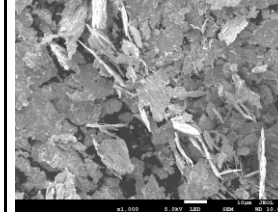
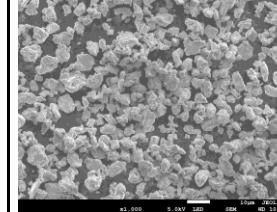


## Reduced Iron Powder as Soft Magnetic Material 7 $\mu$ m~150 $\mu$ m

Particle size		150 $\mu$ m	100 $\mu$ m	40 $\mu$ m	7 $\mu$ m	7 $\mu$ m Flake	5 $\mu$ m
Type		High purity	High purity	High purity	High purity + Fine	High purity + Fine, Flake (Development products)	High purity + Fine (Development products)
Specific Surface Area		0.10 m <sup>2</sup> /g	0.11 m <sup>2</sup> /g	0.12 m <sup>2</sup> /g	0.60 m <sup>2</sup> /g	1.42 m <sup>2</sup> /g	0.57 m <sup>2</sup> /g
TAP Density		2.6 g/cm <sup>3</sup>	2.9 g/cm <sup>3</sup>	3.1 g/cm <sup>3</sup>	3.6 g/cm <sup>3</sup>	2.2 g/cm <sup>3</sup>	3.5 g/cm <sup>3</sup>
Oxygen		0.40 wt%	0.37 wt%	0.25 wt%	0.64 wt%	1.58 wt%	0.67 wt%
Particle Size Distribution	D10	72 $\mu$ m	54 $\mu$ m	21.3 $\mu$ m	2.8 $\mu$ m	7.0 $\mu$ m	2.5 $\mu$ m
	D50	142 $\mu$ m	116 $\mu$ m	42.8 $\mu$ m	7.0 $\mu$ m	16.5 $\mu$ m	5.0 $\mu$ m
	D90	199 $\mu$ m	173 $\mu$ m	67.4 $\mu$ m	14.0 $\mu$ m	25.3 $\mu$ m	8.7 $\mu$ m
	D95	217 $\mu$ m	195 $\mu$ m	77.4 $\mu$ m	17.8 $\mu$ m	27.9 $\mu$ m	10.9 $\mu$ m
Hc		5 Oe	6 Oe	7 Oe	18 Oe	27 Oe	17 Oe
$\sigma_s$		203 emu/g	202 emu/g	204 emu/g	202 emu/g	198 emu/g	201 emu/g
Particle Size Distribution chart							
SEM Image	×200						
	×1,000						
	×5,000	