

developed product

Ultra-fine Nickel Powders

(MIT-60,MIT-100)

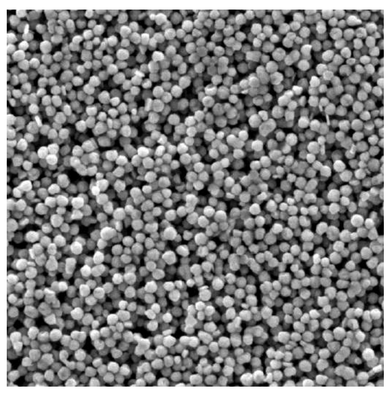
Expanding the Possibilities of Developing Energy-Saving and Innovative Functional Materials through Nanotechnology

Advantage

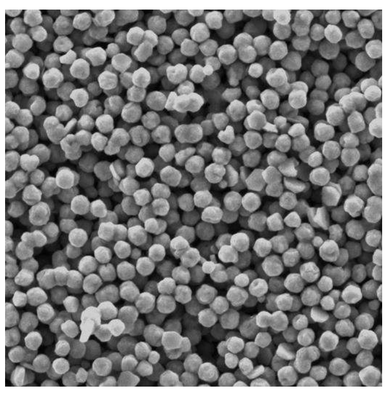
- ☑ 100nm or under Ni nanoparticles by wet process
- ☑ Low impurities, uniform size, mono-dispersible
- ☑ High reactivity, low-temp sintering due to nanoparticle size

Development Product Name	SEM Particle Size (nm)※	Specific Surface Area (m2/g)※	O (wt%)※	C (wt%)※
MIT-60	60	16	3.0	0.25
MIT-100	100	11	2.2	0.15

※Representative value

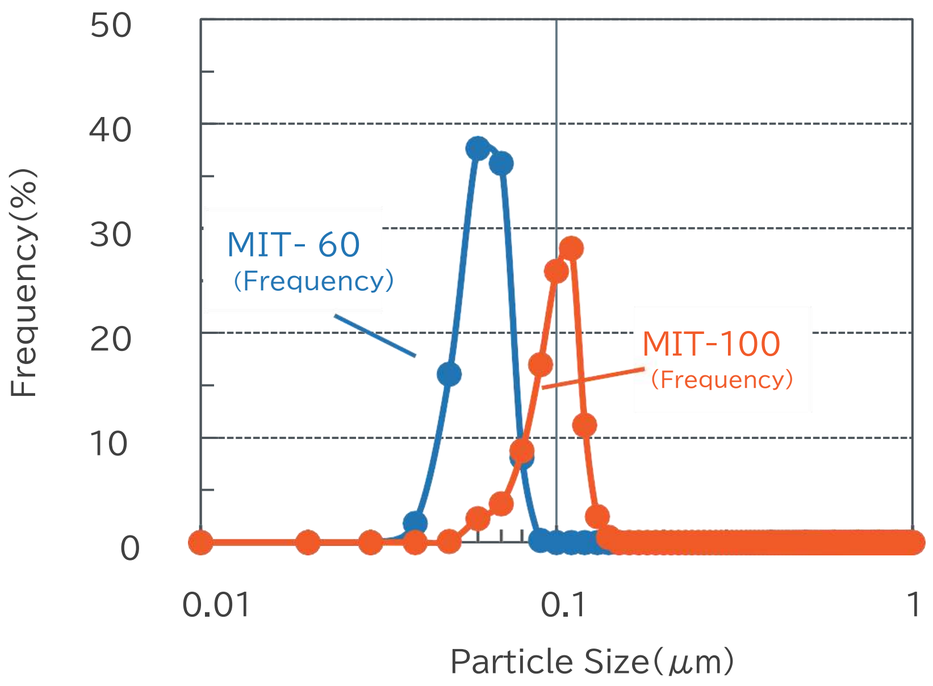


MIT-60

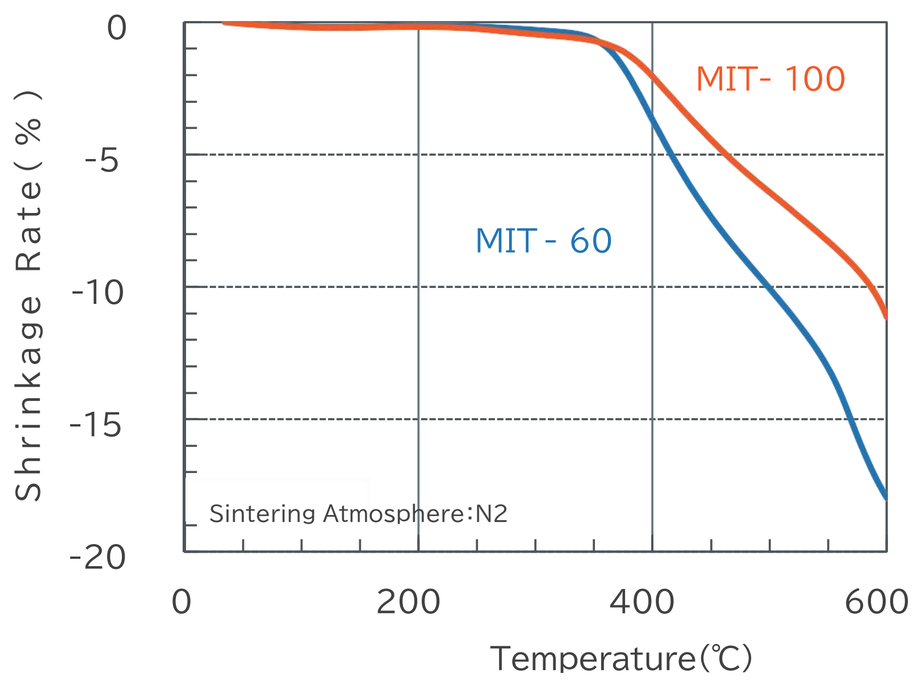


MIT-100

Particle Size Distribution



Sinterability (TMA Measurement)



Application

Development of functional materials using nanoparticles
e.g.)catalysts and auxiliaries

Various electrode materials:
Realization of the low-temperature process





If you have any question about this product, please feel free to contact us.
https://crossmining.smm-g.com/

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