Nickel Slurry Dispersion

research product

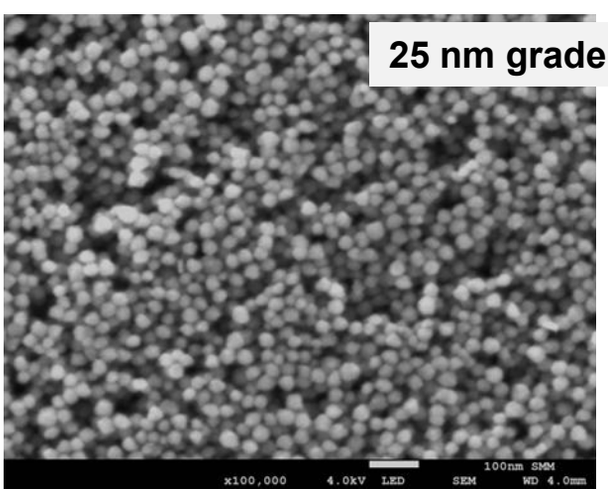
Ni Nanoparticle Slurry Dispersion for Catalyst Applications

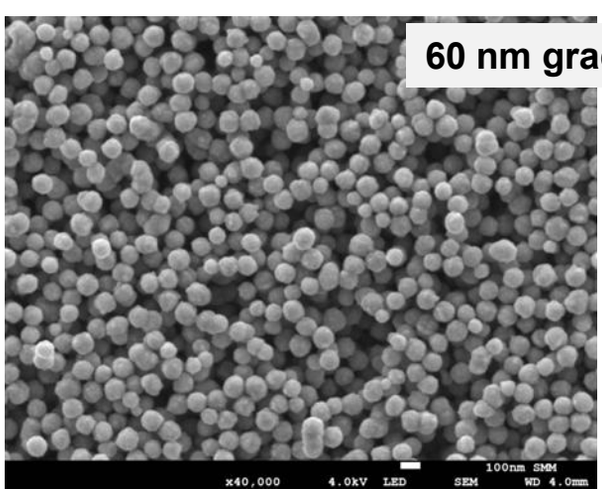
Key Features Advantage

- ☑ Catalyst formulated with fine Ni nanoparticles synthesized using our proprietary wet-process core technology
- ☑ Nanoparticles can be dispersed and impregnated into porous supports
- ☑ High methanation activity at low temperatures

Particle Morphology

Low impurity content contributes to stable quality

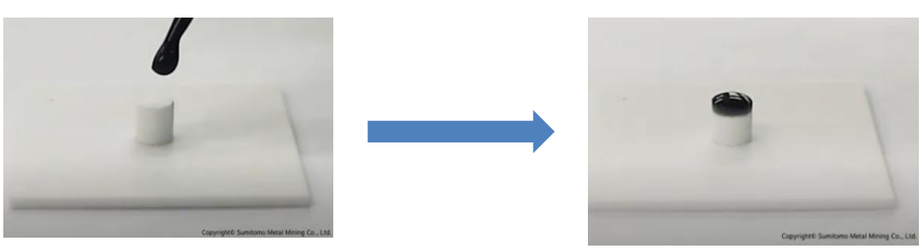




Product Application Example

Slurrying

Excellent impregnation into porous supports



Test conditions
- Porous support: Ceramic
- Impregnation liquid: Ultrafinely dispersed nickel powder slurry
- Conditions: Ambient temperature and pressure

Catalytic Activity (Methanation)

High CO_2 conversion at temperatures below 300°C

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

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