

## ( II ) Dynamic hydriding/dehydriding process



### Reaction condition

- Powder shape reactants are used.
- Non-hydrogenated alkaline metal (Mg) is used as reactant.
- Heating treatment under reaction can increase the reaction speed.
- Minimum energy input for reaction is required.
- NaBH<sub>4</sub> yield : 85% (instant at 600°C)

