

# Advanced Powder Metallurgical Materials by Metal Injection Molding

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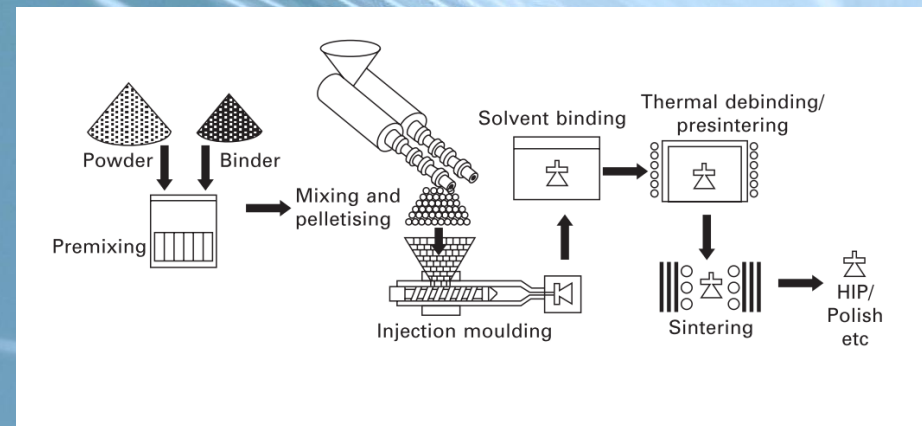
Duration: 2015-2020

Funding: Vinnova

Advisor: Lars Nyborg/Eduard Hryha

## Research Scope:

- Address the challenges of distortions and sagging during processing
- Understand sintering bond formation between the particles and suggest means to promote the same at lower temperatures and improve its effectiveness
- Understand how the powder characteristics affect the sintering behavior in carbonyl and water-atomized plain iron powder



Project partners: Chalmers, Höganäs, AGA, FJ Sintermetall, Volvo, Kongsberg Automotive, Swerea KIMAB

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