

PNNL-SA-166056

AA 7075 Sheet with 700 MPa Strength for Automotive Structural Components

CRADA 520

September 2021

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Fairmount Technologies, LLC

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Abstract

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Abstract

Fairmount Technologies is developing a new metal forming machine intended to produce ultra-high strength Aluminum Alloy AA 7075 sheets and is seeking to collaborate with PNNL to optimize the production process, as well as the strength and formability of the sheet produced. Results will be used to infer (and optionally demonstrate) whether aluminum components such as side-impact beams can be successfully formed from this sheet.

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