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Title: Analysis of the thermodynamic behavior of A355 and B319 alloys using the Differentiation Method

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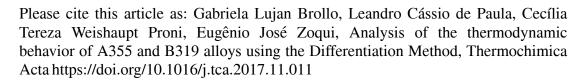
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Highlights:

- Utilization of differentiation method to characterize solid-to-liquid transition.
- Evaluation of the A355 and B319 alloys for thixoforming and rheocasting purpose.
- Description of the mechanisms involved in the solid-to-liquid transition.

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