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Thermodynamically analyzing the formation of Mg_{12}Nd and $\text{Mg}_{41}\text{Nd}_5$ in Mg-Nd system under a static magnetic field

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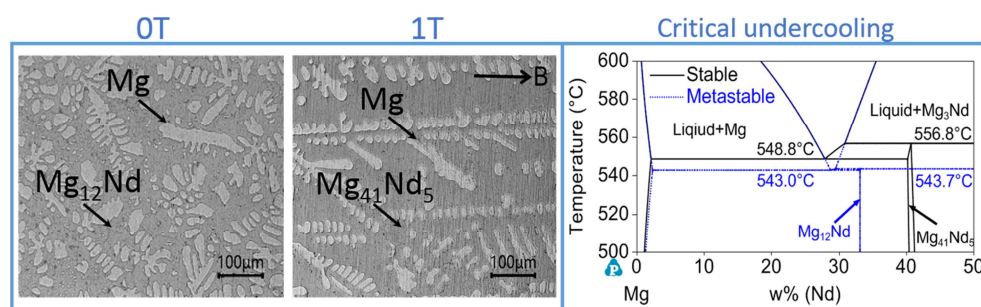
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Magnetic field inhibits the formation of Mg_{12}Nd phase by increasing its critical undercooling.

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