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Sommario/riassunto	AlSi12-based metal matrix composites using metallic glass Ni ₄₀ Nb ₄₀ Ta ₂₀ as reinforcement were produced via gas pressure melt infiltration technique. Comprehensive investigations were performed to determine the composite's microstructural, mechanical and thermal properties as well as damage mechanisms. The results contribute to a better understanding on the material's processing-structure-property relations.