

Control of texture and microstructure in additive manufacturing of stainless steel 316L

Kumar, Deepak; Shankar, Gyan; **Prashanth, Konda Gokuldoss**; Suwas, Satyam Journal of alloys and compounds 2024 / art. 173040 <https://doi.org/10.1016/j.jallcom.2023.173040> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Evolution of site-specific solidification microstructure and texture during additive manufacturing of stainless steel 316L by laser powder bed fusion

Kumar, Deepak; Aditya, Yarlapati Naga; **Prashanth, Konda Gokuldoss**; Suwas, Satyam Materials Characterization 2025 / art. 114971 <https://doi.org/10.1016/j.matchar.2025.114971>

Mechanisms controlling fracture toughness of additively manufactured stainless steel 316L

Kumar, Deepak; Jhavar, Suyog; Arya, Abhinav; **Prashanth, Konda Gokuldoss**; Suwas, Satyam International journal of fracture 2022 / p. 61-78 <https://doi.org/10.1007/s10704-021-00574-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Recent advances in additive manufacturing of refractory high entropy alloys (RHEAs): A critical review

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Response of stress relieving and solution annealing treatment on tensile properties and fracture toughness of additively manufactured stainless steel 316L

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Role of microstructure on tension-compression asymmetry in additively manufactured stainless steel 316L

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Texture dependent strain hardening in additively manufactured stainless steel 316L

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