

Recrystallisation and grain growth

0018 Multipass Forging of Inconel 718 in the Delta-Supersolvus Domain: Assessing and Modeling Microstructure Evolution

Meriem Zouari², Sébastien Rousselle¹, Nathalie Bozzolo¹, Roland Logé¹

¹CEMEF Mines ParisTech, Sophia Antipolis, FR, ²Manoir Aerospace-Forges De Bologne, Chaumont, FR

0128 Grain Structure Prediction for Investment Casting of Nozzle Guide Vanes

Ole Koeser¹, Agustin Torroba², Efrain Carreño-Morelli², Andrea Carosi³, Laura Maestro⁴, Irene Jimenez⁴, Mehdi Rahimian⁶, Srdjan Milenkovic⁶

¹Calcom ESI SA, Lausanne, CH, ²University of Applied Sciences and Arts - Western Switzerland, Sion, CH, ³Precicast Novazzano SA, Novazzano, CH, ⁴Precicast Bilbao SA, ES, ⁵Industria Turbo Propulsores SA, Zamudio, ES, ⁶Instituto Madrilenio de Estudios Avanzados de Materiales, Getafe, ES

0154 Prediction of Recrystallisation in Single Crystal Nickel-Based Superalloys during Investment Casting

Chinnapat Panwisawas¹, Duncan Putman², Roger C. Reed³

¹The University of Birmingham, Birmingham, GB, ²Rolls-Royce plc, Derby, GB, ³University of Oxford, Oxford, GB

