JRC Dataset

Thermo-mechanical fatigue test data for IN 718 material for a temperature range of 316 to 677 °C and a mechanical strain range of 1 % (third repeat test)

Description:
Data collection containing the results of the tests conducted by the European Commission JRC, under the frame of the Inter Laboratory Study (ILS) on Thermo-mechanical Fatigue (TMF). The primary purpose of this study was to provide a precision and bias statement to be included in the revision of ASTM E-2368, Standard Practice for Strain Controlled Thermo-Mechanical Fatigue Testing.

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Elevated temperature material properties

Related resources:
Data access
MatDB XML distribution
MatDB XML distribution
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