JRC Dataset

Small punch tensile/fracture test data for Gr. 91 material at -170 °C and a displacement rate of .005 mm/s

Description:
In the framework of its institutional project on Gen IV nuclear reactors, the JRC-IET performs pre-normative materials qualification research within the work package PreMaQ. The activities focus on evaluation methods like ultrasonic fatigue, neutron diffraction, thermoelectric power measurements, x-ray tomography, small punch creep and fracture tests, and nano-indentation with the aim to establish or prepare international standards. The current data set belongs to a small punch tensile/fracture mechanics test on the ferritic/martensitic steel Grade 91.

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Related resources:
Data access
- MatDB XML distribution
- MatDB XML distribution
  https://odin.jrc.ec.europa.eu/alcor/Flex?entity=DOI&p:_version=null&action;=displayXML&p;_xmlType=data&p;_RN5=19 00118

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