

JRC Dataset

Test data for uniaxial tensile on material AISI 316 L - sj at 250 Celsius

Description:

Tensile test data produced in the context of fusion research on the ductility of irradiated 316 welds. Electron beam and shielded metal arc weld joints in solution annealed 316 L plate were sampled along their heat affected zone and molten zone. The samples were irradiated in the HFR matching NET operating conditions.

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Elevated temperature material properties

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=91 010000

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