

JRC Dataset

Small punch tensile/fracture test data for P91 ar material at 500 °C and a displacement rate of .005 mm/s (repeat test)

Description:

Open access small punch data created by the European Commission JRC. The data is on P91 (Gr. 91) ferritic/martensitic steel for assessing the procedures to estimate the uniaxial tensile strength and yield stress from small punch force-deflection curves.

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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=19 20006

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