

Dataset collection

ODIN - Small punch test data for Zircaloy 4 and 15 15 Ti.

Description:

Small punch test data for Zircaloy 4 and 15 15 Ti on tube specimens cut from nuclear fuel cladding tubes. The data was acquired in the framework of the EERA JPNM pilot project TASTE.

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<https://doi.org/10.5290/14>

Datasets:

- Small punch tensile/fracture test data for 15-15 Ti ar cw material at 22 °C and a displacement rate of .005 mm/s (repeat test) [jrc-odin-1700046]
- Small punch tensile/fracture test data for 15-15 Ti ar cw material at 22 °C and a displacement rate of .005 mm/s (second repeat test) [jrc-odin-1700047]
- Small punch tensile/fracture test data for 15-15 Ti ar cw material at 22 °C and a displacement rate of .005 mm/s (third repeat test) [jrc-odin-1700048]
- Small punch tensile/fracture test data for 15-15 Ti ar cw material at 22 °C and a displacement rate of .005 mm/s (fourth repeat test) [jrc-odin-1700049]
- Small punch tensile/fracture test data for 15-15 Ti ar cw material at 300 °C and a displacement rate of .005 mm/s [jrc-odin-1700050]
- Small punch tensile/fracture test data for 15-15 Ti ar cw material at 300 °C and a displacement rate of .005 mm/s (repeat test) [jrc-odin-1700051]
- Small punch tensile/fracture test data for 15-15 Ti ar cw material at 600 °C and a displacement rate of .005 mm/s [jrc-odin-1700052]
- Small punch tensile/fracture test data for 15-15 Ti ar cw material at 600 °C and a displacement rate of .005 mm/s (repeat test) [jrc-odin-1700053]
- Small punch tensile/fracture test data for 15-15 Ti ar cw material at 600 °C and a displacement rate of .005 mm/s (second repeat test) [jrc-odin-1700054]
- Small punch tensile/fracture test data for 15-15 Ti ar cw material at 800 °C and a displacement rate of .005 mm/s [jrc-odin-1700055]
- Small punch tensile/fracture test data for 15-15 Ti ar cw material at 500 °C and a displacement rate of .005 mm/s [jrc-odin-1700056]
- Small punch tensile/fracture test data for 15-15 Ti ar cw material at 500 °C and a displacement rate of .005 mm/s (repeat test) [jrc-odin-1700057]
- Small punch tensile/fracture test data for 15-15 Ti ar cw material at 600 °C and a displacement rate of .005 mm/s (third repeat test) [jrc-odin-1700058]
- Small punch tensile/fracture test data for 15-15 Ti ar cw material at 700 °C and a displacement rate of .005 mm/s [jrc-odin-1700059]
- Small punch tensile/fracture test data for 15-15 Ti ar cw material at 700 °C and a displacement rate of .005 mm/s (repeat test) [jrc-odin-1700060]
- Small punch tensile/fracture test data for 15-15 Ti ar cw material at 700 °C and a displacement rate of .005 mm/s (second repeat test) [jrc-odin-1700061]
- Small punch tensile/fracture test data for 15-15 Ti ar cw material at 800 °C and a displacement rate of .005 mm/s (repeat test) [jrc-odin-1700062]
- Small punch tensile/fracture test data for 15-15 Ti ar cw material at 800 °C and a displacement rate of .005 mm/s (second repeat test) [jrc-odin-1700063]
- Small punch tensile/fracture test data for 15-15 Ti ar cw material at 800 °C and a displacement rate of .005 mm/s (third repeat test) [jrc-odin-1700064]
- Small punch tensile/fracture test data for 15-15 Ti ar cw material at 300 °C and a displacement rate of .005 mm/s (second repeat test) [jrc-odin-1700065]
- Small punch tensile/fracture test data for 15-15 Ti ar cw material at 300 °C and a displacement rate of .005 mm/s (third repeat test) [jrc-odin-1700066]

- [Small punch tensile/fracture test data for Zircaloy 4 material at 300 °C and a displacement rate of .005 mm/s \[jrc-odin-1700106\]](#)
- [Small punch tensile/fracture test data for Zircaloy 4 material at 300 °C and a displacement rate of .005 mm/s \[jrc-odin-1700107\]](#)
- [Small punch tensile/fracture test data for Zircaloy 4 material at 400 °C and a displacement rate of .005 mm/s \[jrc-odin-1700108\]](#)