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## AS 1831-2007 (R2017) Ductile cast iron

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Abbreviation

AS 1831-2007

Valid from

29/01/2007

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Information provider

SAI Global

Author

Standards Australia

Information type

Australian Standard

Format

PDF, Hard copy

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Cited By

[This resource is cited by 1 document \(show Citations\)](#)

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**Description**

AS 1831-2007 adopts ISO 1083:2004 to specify the classification of ductile cast irons based on mechanical properties.

**Scope**

This Standard defines the grades and the corresponding requirements for spheroidal graphite cast irons.

This Standard specifies a classification based on mechanical properties measured on machined test pieces prepared either from:

- separately cast samples;
- cast-on samples;
- samples cut from a casting.

This Standard also specifies a classification as a function of hardness.

This Standard does not apply to spheroidal graphite cast iron used for pipes, fittings and accessories which are specified in accordance with ISO 2531 and ISO 7186.

It does not apply to highly alloyed (austenitic) spheroidal cast irons which are specified in accordance with ISO 2892.

This Standard does not apply to ausferritic cast irons which are specified in accordance with ISO 17804.

For assistance with locating previous versions, please contact the information provider.

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This document is CITED BY:

- [AS/NZS 2280:2014](#)

AS 1831-2007 is cited by AS/NZS 2280:2014 Ductile iron pipes and fittings

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