



ISO 8371

Iron ores for blast furnace feedstocks — Determination of the decrepitation index

*Minerais de fer pour charges de hauts fourneaux —
Détermination de l'indice de décrépitation*

Fourth edition
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This document was prepared by Technical Committee ISO/TC 102, *Iron ore and direct reduced iron*, Subcommittee SC 3, *Physical testing*.

This fourth edition cancels and replaces the third edition (ISO 8371:2015), which has been technically revised.

The main changes are as follows:

- test conditions such as test sample drying time, type of sieves, heating rate of the test portion, and the accuracy of the weighting device have been cleared out.

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This document concerns one of a number of physical test methods that have been developed to measure various physical parameters and characteristics and to evaluate the behaviour of iron ores, including reducibility, disintegration, crushing strength, apparent density, etc. This method was developed to provide a uniform procedure, validated by collaborative testing, to facilitate comparisons of tests made in different laboratories.

The results of this test need to be considered in conjunction with other tests used to evaluate the quality of iron ores as feedstocks for blast furnace processes.

This document can be used to provide test results as part of a production quality control system, as a basis of a contract, or as part of a research project.