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Second edition  
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## **Coke (greater than 20 mm in size) — Determination of mechanical strength**

*Coke (dimension supérieure à 20 mm) — Détermination de la  
cohésion*



Reference number  
ISO 556:2020(E)

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## Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

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This document was prepared by Technical Committee ISO/TC 27, *Solid mineral fuels*, Subcommittee SC 3, *Coke*.

This second edition cancels and replaces the first edition (ISO 556:1980), which has been technically revised. The main changes compared to the previous edition are as follows:

- a) The sample of coke used for Micum and Irsid tests may be analysed with a bottom size greater than 20 mm (e.g. 40 mm or 60 mm) and should the starting bottom size of coke used be different from 20 mm, it is to be stated in the test report.
- b) Addition of a new set of tables specifying:
  - 1) Sample, test conditions and results for Micum and Irsid tests.
  - 2) Dimensions of the cylindrical steel drum for Micum and Irsid tests.
  - 3) Suitable set of sieves.
- c) In reporting coke Micum and/or Irsid results, it is required to specify if a single determination or a duplicate determination was made and if a full or half Micum drum was used.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at [www.iso.org/members.html](http://www.iso.org/members.html).