

The Technical Association of Refractories, Japan(TARJ)
Certified Reference Material Series for Carbon Analysis of C/SiC Refractories
JRRM 1001—1009 (JRRM 1000 Series for Calibration of Carbon Analyzer)
Instruction Manual

1. General

This Certified Reference Material Series (SeRM) No.1 JRRM 1001-1009 for C/SiC refractories was prepared in conformity with ISO Guide 0034 (Quality system guidelines for the production of reference materials) by TARJ. These certified values were given with statistical calculation using analytical values obtained by round robin in conformity with ISO Guide 0035 (Certification of reference materials — General and statistical principles) and ISO 5725 series [Accuracy (trueness and precision) of measurement methods and results] by TARJ.

First, these values were studied and discussed in view of analytical techniques within analytical subcommittee. They were adopted on February 7, 2006, and certified by the TARJ standardization committee on February 28, 2006.

Please, read the instruction manual before using the JRRM series.

We are stocked not only with this carbon analysis SeRM series but also a complete series for X-ray fluorescence spectrometry SeRM. They are distributed by SEISHIN TRADING CO., LTD..

2. Scope

This SeRM is applicable for preparation of a total carbon and free carbon calibrations by carbon analyzer. It is not suitable for other tasks.

3. Cautions for storage and handling

- (1) The RM is to be stored under dry conditions in which the temperature and humidity are kept constant, out of direct sunlight.
- (2) The RM should be kept homogeneous. The RM must be kept in a place with no vibrations, and must be mixed well before using.
- (3) Only the minimum amount needed should be taken from the bottle. The remainder must not be put back in the same bottle.
- (4) Because JRRM 1002-1009 contain graphite a dark segregated layer may be observed in the bottle but this does not effect quality.
- (5) The RM is transferred into a drying container, e.g. a flat weighing bottle, from the bottle, be dried for 2 hours at 110 ± 5 deg. C and cooled to room temperature in desiccator.

Prepared, Values
given and certified by

The Technical Association of Refractories, Japan

New Ginza Bldg., 3-13, Ginza 7-chome, Chuo-ku, Tokyo 104-0061, Japan

Telephone : 81-3-3572-0705 Fax : 81-3-3572-0175

Distributed by

SEISHIN TRADING CO., LTD.

1-4-4, Minatojima-Minamimachi, Chuo-ku, Kobe 650-0047, Japan

Telephone : 81-78-303-3810 Fax : 81-78-303-3822