

JIS

JAPANESE INDUSTRIAL STANDARD

Ceramic fiber blanket

Ⓔ **JIS R 3311**—1991

Translated and Published

by

Japanese Standards Association

Printed in Japan

AVA Documents
Document Sharing Hub ^{6 S}

In the event of any doubt arising,
the original Standard in Japanese is to be final authority.



JAPANESE INDUSTRIAL STANDARD

J I S

Ceramic fiber blanket

R 3311-1991

1. Scope

This Japanese Industrial Standard specifies the 1260°C standard grade ⁽²⁾ blanket ⁽¹⁾ of alumina-silica system fiber.

Notes ⁽¹⁾ The ceramic fiber blanket is produced as in the following:

Melt raw material consisting mainly of alumina with high purity and silica, and make it fibers by compressed air or centrifugal force to form it in blanket free from organic bonding agents.

⁽²⁾ The 1260°C standard grade means ceramic fiber blanket of which the maximum using temperature is up to 1260°C in common use.

Remarks 1. Applicable Standards to this Standard are shown in the followings:

JIS A 1412 Test Methods for Thermal Transmission Properties of Thermal Insulations

JIS Z 8401 Rules for Rounding off of Numerical Values

JIS Z 8801 Test Sieves

2. The units and numerical values given in { } in this Standard are in accordance with the traditional units and are appended for informative reference.

2. Classification

The ceramic fiber blankets shall be classified as shown in the following according to its density:

- (1) Ceramic fiber blanket No. 1
- (2) Ceramic fiber blanket No. 2
- (3) Ceramic fiber blanket No. 3

3. Dimensions

3.1 Thickness The thickness and its tolerances of ceramic fiber blanket shall be tested in accordance with 5.2.1, and shall be as shown in Table 1.