



JAPANESE
INDUSTRIAL
STANDARD

Translated and Published by
Japanese Standards Association

JIS A 6208 : 2018

**Polymer short fibers for concrete
and mortar**

ICS 91.100.30

Reference number : JIS A 6208 : 2018 (E)

Date of Establishment: 2015-03-20

Date of Revision: 2018-01-22

Date of Public Notice in Official Gazette: 2018-01-22

Investigated by: Japanese Industrial Standards Committee
Standards Board for ISO area
Technical Committee on Civil Engineering

JIS A 6208:2018, First English edition published in 2018-10

Translated and published by: Japanese Standards Association
Mita MT Building, 3-13-12, Mita, Minato-ku, Tokyo, 108-0073 JAPAN

In the event of any doubts arising as to the contents,
the original JIS is to be the final authority.

© JSA 2018

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

Printed in Japan

KK/AT

Contents

	Page
1 Scope	1
2 Normative references	1
3 Terms and definitions	2
4 Classification and symbols of polymer short fibres	3
5 Divisions and symbols of polymer short fibres	3
6 Quality division and material characteristics	4
7 Test methods	5
7.1 Measurement of diameter of polymer short fibre and calculation of tolerance	5
7.2 Measurement of length of polymer short fibre and calculation of tolerance	5
7.3 Tensile strength test	6
7.4 Test of tensile modulus of elasticity	6
7.5 Test of percentage of free water	7
7.6 Density test	7
7.7 Melting temperature test	7
7.8 Alkali resistance test	7
7.9 Performance test of composite material	9
8 Inspections	9
9 Marking	10
10 Report	10
Annex A (normative) Test methods for property evaluation of polymer-short-fibre reinforced concrete and polymer-short-fibre reinforced mortar	12
Annex B (normative) Bending test using notched beam for polymer-short-fibre reinforced concrete and polymer-short-fibre reinforced mortar	15
Annex C (normative) Test method of bond strength of polymer short fibres	20
Annex D (informative) Comparison table between previous and current editions of this Standard on technically significant revisions	24

Foreword

This Japanese Industrial Standard has been revised by the Minister of Economy, Trade and Industry, through deliberations at the Japanese Industrial Standards Committee in accordance with the Industrial Standardization Law. Consequently **JIS A 6208:2015** is replaced with this Standard.

This **JIS** document is protected by the Copyright Law.

Attention is drawn to the possibility that some parts of this Standard may conflict with patent rights, applications for a patent after opening to the public or utility model rights. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying any of such patent rights, applications for a patent after opening to the public or utility model rights.